

20000623.qrp v01\_n861.qrl.20000623

Date: Fri, 23 Jun 2000 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1861

QRP-L Digest 1861

Topics covered in this issue include:

- 1) [73217] Re: Voice Mode  
by George F Franklin <w0av@juno.com>
- 2) [73218] Re: Hustler mobile antenna question  
by wd3p@juno.com
- 3) [73219] [PROP] FD lookin' good  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 4) [73220] Re: Voice Mode  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 5) [73221] MESSAGE FOR BOB, WA2HOQ  
by Barry J Minsky <w2bj@juno.com>
- 6) [73222] Ground Loops????  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 7) [73223] Re: WHICH KIT?  
by Richard Arland <k7sz@epix.net>
- 8) [73224] V01DZA de N10DL  
by N10DL@aol.com
- 9) [73225] Re: Ground Loops????  
by Roger Hightower <n7kt@worldnet.att.net>
- 10) [73226] Re: Smk-1's on the air?  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 11) [73227] ARRL FD 2000, QRP Operations  
by Thomas Kuehl <ac7a@gci-net.com>
- 12) [73228] Re: ARRL FD 2000, QRP Operations  
by Paul Womble <pwomble1@tampabay.rr.com>
- 13) [73229] rubber rejuvenator?  
by James Skalski <jskalski@localnet.com>
- 14) [73230] Re: ARRL FD 2000, QRP Operations  
by "K7FD-N7SG" <cqdx@teleport.com>
- 15) [73231] Re: Ground Loops????  
by Nv4t@aol.com
- 16) [73232] RE: rubber rejuvenator?  
by "Ed Tanton" <n4xy@att.net>
- 17) [73233] RE: rubber rejuvenator?  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 18) [73234] RE: rubber rejuvenator?  
by "Ed Tanton" <n4xy@att.net>
- 19) [73235] Re: rubber rejuvenator?

by "Victor Blackwell" <victor@brecnet.com>  
20) [73236] Fw: MESSAGE FOR BOB, WA2HOQ  
by "Walt Amos" <k8cv@worldspy.net>  
21) [73237] First contact with a genuine SMK-1 .....  
by "Walt Amos" <k8cv@worldspy.net>  
22) [73238] RE: rubber rejuvenator?  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>  
23) [73239] Re: Hustler Q, thanks to all who responded  
by Jay Freeman <jayFreem@direcpc.com>  
24) [73240] Re: Fw: MESSAGE FOR BOB, WA2HOQ  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
25) [73241] Re:longwire  
by George W Lee <georgekr5c@juno.com>  
26) [73242] HP-48G as Logger Anyone?  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
27) [73243] Re: Ground Loops????  
by Pete Burbank <plburbank@kih.net>  
28) [73244] Re: Fw: MESSAGE FOR BOB, WA2HOQ  
by Russ Dow <n7dw@garlic.com>  
29) [73245] Computer logging  
by "Ron Giuntini" <rong@slip.net>  
30) [73246] Re: Voice Mode  
by AdamN7YA@aol.com  
31) [73247] ARRL FD 2000, QRP Operations  
by Thomas Kuehl <ac7a@gci-net.com>  
32) [73248] The FD 2000 List  
by Thomas Kuehl <ac7a@gci-net.com>  
33) [73249] Masked????  
by medic361@webtv.net  
34) [73250] Re: rubber rejuvenator?  
by "Mike Yetsko" <myetsko@insydesw.com>  
35) [73251] Re: ARRL FD 2000, QRP Ops (Adjusted)  
by "Chuck Carpenter" <w5usj@globeco.net>  
36) [73252] Re: Masked????  
by "Graeme Zimmer" <gzimmer@bigpond.com>  
37) [73253] Re: Voice Mode  
by bob evinger <wd9eka@arrl.net>  
38) [73254] Re: Fw: MESSAGE FOR BOB, WA2HOQ  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
39) [73255] Re: Computer logging  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
40) [73256] Re: Masked????  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
41) [73257] Re: Masked????  
by "Mike Yetsko" <myetsko@insydesw.com>  
42) [73258] RE: rubber rejuvenator?  
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
43) [73259] RE: rubber rejuvenator?

by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
44) [73260] RE: ARRL FD 2000, QRP Operations  
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
45) [73261] Re: Voice Mode  
by "Paul R. Valko" <prvalko@oakland.edu>  
46) [73262] Re: rubber rejuvenator?  
by "Mike Yetsko" <myetsko@insydesw.com>  
47) [73263] Re: Voice Mode  
by Michael Neverdosky <mneverdosky@earthlink.net>  
48) [73264] RE: Ground Loops????  
by Nick Kennedy <nkennedy@tcainternet.com>  
49) [73265] RE: Computer logging  
by Nick Kennedy <nkennedy@tcainternet.com>  
50) [73266] Re: Ground Loops????  
by n2cx@voicenet.com  
51) [73267] mW Triple Crown CW Contest results  
by Jim Hale <kj5tf@yahoo.com>  
52) [73268] RE: rubber rejuvenator?  
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
53) [73269] Looking up 1x1 callsigns - How??  
by Mike <mmorrow@companet.net>  
54) [73270] Re: Looking up 1x1 callsigns - How??  
by Paul Womble <pwomble1@tampabay.rr.com>  
55) [73271] North Georgia QRP Club to Operate Club Call NQ4RP on Field Day Weekend  
by Sam Billingsley <SBillingsley@usaninc.com>  
56) [73272] FD2000 QRP: correction N0TU now AB0GO/N0MHQ  
by David Ek <ekdave@earthlink.net>  
57) [73273] Re: Looking up 1x1 callsigns - How??  
by Mike <mmorrow@companet.net>  
58) [73274] RE: rubber rejuvenator?  
by "Ed Tanton" <n4xy@att.net>  
59) [73275] mW Triple Crown & mW Field Day  
by Jim Hale <kj5tf@yahoo.com>  
60) [73276] MILLIWATT CONTEST  
by Charles K Brown <n4so@juno.com>  
61) [73277] For Trade: Unbuilt HW-8  
by Rohn <rohn@pubrats.com>  
62) [73278] Changing qrp-l listing  
by Bob Nielsen <nielsen@oz.net>  
63) [73279] NW QRP Club FD  
by "Bill Todd" <zapzap73@hotmail.com>  
64) [73280] Re: Voice Mode  
by Marty <N5NW@midsouth.rr.com>  
65) [73281] Re: Changing qrp-l listing  
by "Carel Mulder" <cmulder@casema.net>  
66) [73282] Re: Voice Mode  
by zmola@campbellsci.com

- 67) [73283] RE: Voice Mode  
by schoon@amgt.com
- 68) [73284] FD operations at NJQRP  
by "George Heron N2APB" <n2apb@erols.com>
- 69) [73285] QRP Screws  
by "John L. Sielke" <n4js@pobox.com>
- 70) [73286] RE: Masked????  
by Mike Gipe <mgipe@reliablemeters.com>
- 71) [73287] RE: Computer logging  
by carlos.caro@lmco.com
- 72) [73288] Re: QRP Screws  
by Paul Maciel <pmaciel@inow.com>
- 73) [73289] Re: QRP Screws  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 74) [73290] Re: QRP Screws  
by igeq100@iupui.edu
- 75) [73291] Looking for beacon software  
by Johnny <km5im@telepath.com>
- 76) [73292] Re: Astronomy  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 77) [73293] Change of email address  
by "C. Lamar Derk" <n3at@noln.com>
- 78) [73294] Re: Voice Mode  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 79) [73295] RE: Voice Mode  
by schoon@amgt.com
- 80) [73296] Re: QRP Screws  
by "Paul Christensen" <paulc@mediaone.net>
- 81) [73297] FD'2K: K2BRK - 3A/WNY  
by wb2vuo@juno.com
- 82) [73298] Regulated Wall Wart ??  
by "James P. Rybak" <jrybak@mesastate.edu>
- 83) [73299] RE: QRP Screws  
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 84) [73300] SOP Receiver Kits all mailed  
by "George Heron N2APB" <n2apb@erols.com>
- 85) [73301] [CONTEST] QRP Cptestesting - This Weekend  
by Ken Newman <N2CQ@citnet.com>
- 86) [73302] Re: Regulated Wall Wart ??  
by "Mike Yetsko" <myetsko@insydesw.com>
- 87) [73303] KPH Lives! (fwd)  
by "Robert P. Okas" <vintage@best.com>
- 88) [73304] FS: SST/40 Novice \*Like New\*  
by "Jason Milldrum" <xaos99@hotmail.com>
- 89) [73305] Re: KPH Lives! (fwd)  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 90) [73306] Re: Regulated Wall Wart ??  
by Curt Milton <wb8yyy@yahoo.com>

- 91) [73307] Re: Regulated Wall Wart ??  
by Michael Neverdosky <mneverdosky@earthlink.net>
- 92) [73308] RE: QRP Screws  
by "John L. Sielke" <n4js@pobox.com>
- 93) [73309] Re: Computer logging  
by wd3p@juno.com
- 94) [73310] Re: Ground Loops?????  
by wd3p@juno.com
- 95) [73311] K7FD Field Day CHANGE  
by "K7FD" <cqdx@teleport.com>
- 96) [73312] Re: Changing qrp-l listing  
by Bob Nielsen <nielsen@oz.net>
- 97) [73313] Re: FD operations at NJQRP  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 98) [73314] Regulated Wall Wart  
by Charles K Brown <n4so@juno.com>
- 99) [73315] Re: Regulated Wall Wart  
by Curt Milton <wb8yyy@yahoo.com>
- 100) [73316] ZM-2 Tuner Schematic & T1 Help needed  
by "NN7CK" <nn7ck@mindspring.com>
- 101) [73317] Re: rubber rejuvenator?  
by Rick McKee <kc8aon@juno.com>

-----  
Date: Thu, 22 Jun 2000 18:04:35 -0500  
From: George F Franklin <w0av@juno.com>  
To: w5yr@att.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [73217] Re: Voice Mode  
Message-ID: <20000622.180620.-476887.1.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi Fellow OT's

Way back in those old days, it was not unusual to hear AM harmonics on higher bands, so specifying the band was often useful.

Also, this was before transceivers; RX and TX had to be set up individually.

CQ 15: been there, done that.

72/73/74 de George/W0AV  
SOC #101

-----  
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<http://dl.www.juno.com/get/tagj>.  
-----

Date: Thu, 22 Jun 2000 19:15:31 +0100  
From: wd3p@juno.com  
To: jayFreem@direcpc.com, qrp-1@Lehigh.EDU  
Subject: [73218] Re: Hustler mobile antenna question  
Message-ID: <20000622.220754.-411543.0.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On Wed, 21 Jun 2000 21:08:36 -0500 Jay Freeman <jayFreem@direcpc.com>  
writes:

>  
> sturdy,  
> anyone have experience with them? I'm also wondering if using a  
> heavy  
> spring would be ok with the Hustler. I'd prefer not to have guy  
> ropes,

I don't think you have a choice. If you have the Hustler, the spider and  
three resonators you are going to have to guy the system. That is just  
too much weight swinging around up too high to get away without the guys.  
I use strong fishing line for guys on mine.

73 de Larry.....WD3P in MD

-----  
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<http://dl.www.juno.com/get/tagj>.  
-----

Date: Thu, 22 Jun 2000 17:15:57 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-1@lehigh.edu  
Subject: [73219] [PROP] FD lookin' good  
Message-ID: <Pine.SUN.4.10.10006221659140.1308-1000000@shell.rt66.com>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Inspite of numerous active regions on the sun, they have all been quiet producing only small (C-class) flares. Today was the crucial day for Field Day, as if a major flare occurred today (thursday), the shock wave would have arrived here saturday-sunday to mess up the lower bands. That didn't happen, so things are looking good.

Today's solar flux was 180, with 170-180 range for the Field Day weekend. Now that's pretty good, and guaranteed 10M will hopping with activity during daylight hours; 15M will be workable into the evening hours; 20M should be active "round the clock." These bands (20 to 10M) will have good skip propagation and low signal absorption due to good ionization in the E and F layers -- as indicated by the relatively high solar flux.

Our Magnetic Field has also been fairly quiet (unsettled) conditions, meaning 80M and 40M will sound pretty much like they always do on a fairly good day. Some increase in background noise levels \*might\* occur by saturday-sunday due to a coronal hole on the sun rotating into position that could cause a slight increase in the solar wind velocity. This will not cause any storm conditions, just periods of slightly enhanced noise on the lower bands (40M and below).

10M will be great too, but I wouldn't recommend calling "CQ FD" on it though :-)

I'll post an update tomorrow when the daily RSGA report comes out in the event something occurs. But conditions look pretty good for a successful field day for low power operators on all bands.

One of the hams here at work said he heard two VE beacons on 6M here in NM over lunch. So if you're a 6M freak or just finished your 2N2/6, conditions are fairly favorable for some good 6M work as well.

And remember ... regardless of the numbers, solar flux this or K-index that ... much of the conditions actually seen on the band is a direct function of how many other hams are on as well. And guaranteed, nothing fills up the bands like Field Day. The bands WILL be hopping. In fact I've often wondered if 300,000 hams on field day don't create an ionization field of our own due to all the RF!

72, Paul NA5N 2B NM





Date: Thu, 22 Jun 2000 20:20:14 -0400  
From: Barry J Minsky <w2bj@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [73221] MESSAGE FOR BOB, WA2HOQ  
Message-ID: <20000622.202016.-249607.0.w2bj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Bob,  
I received your message asking whether you were getting through to anyone. Here is the message I got from your server. I do not understand this but thought it might help.

The original message was received at Thu, 22 Jun 2000 20:06:25 -0400 (EDT)  
from m4.boston.juno.com [63.211.172.67]

\*\*\* ATTENTION \*\*\*

Your e-mail is being returned to you because there was a problem with its delivery. The address which was undeliverable is listed in the section labeled: "----- The following addresses had permanent fatal errors -----".

The reason your mail is being returned to you is listed in the section labeled: "----- Transcript of Session Follows -----".

The line beginning with "<<<" describes the specific reason your e-mail could not be delivered. The next line contains a second error message which is a general translation for other e-mail servers.

Please direct further questions regarding this message to your e-mail administrator.

--AOL Postmaster

----- The following addresses had permanent fatal errors -----  
<rangersf5@aol.com>

----- Transcript of session follows -----  
... while talking to air-zd05.mail.aol.com.:  
>>> RCPT To:<rangersf5@aol.com>

<<< 550 rangersf5 IS NOT ACCEPTING MAIL FROM THIS SENDER

550 <rangersf5@aol.com>... User unknown

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723, SOC #193

-----  
Date: Thu, 22 Jun 2000 20:26:03 -0400

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>

To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, elecrafft@qth.net

Subject: [73222] Ground Loops????

Message-ID: <3952AE9B.AD5FE5F2@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have a wierd thing happening. I have several radios in the shack. They share a common (battery) power source but are set up to only use ONE antenna through a 6 place antenna switch (MFJ something or other). Consequently all radios except the one being used are powered off (although still connectd to the source). I notice specifcally with my K2 and my Argo II that, they can appear to be low in output (desensed???) until I hit the key or the tune button, then the rig will come alive with signals. I'm making an assumption that I'm dealing with a ground loop. (I make lots of assumptions about a lot of things but this is the only one causing me trouble right now). Does anyone know of any good artcles on managing ground loops??? Even if its not the cause of this wierdness it might be nice to read up on the subject.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Fri, 23 Jun 2000 00:53:23 -0400

From: Richard Arland <k7sz@epix.net>  
To: n0rc@qsl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73223] Re: WHICH KIT?  
Message-ID: <3952ED43.2B74AA28@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Rod, N0RC" wrote:

>

> If you haven't already rejected it, the NC40A from Wilderness is worth  
> a good look. It has a quiet, and selective RX & RIT.

I have to agree with Rod. The Wilderness Radio NC-40A is an outstanding kit for the price and is simple to build. If you REALLY want to understand how it works and the design theory behind it, pick up a copy of The Electronics of Radio by Dr. David Rutledge (Cambridge University Press: \$44.95). The Wilderness website has a link to Cambs Univ Press for ordering or just a preview of the book. This is a college text for undergrad EE students and it is a very thorough dissection of the NC-40.

I have built two NC-40s, one was an original NorCal kit and the other was a Wilderness kit. Both went together flawlessly and worked first time. The Wilderness rig went around the States and Canada with me in 1996 in the back of my Subaru Outback. Made quite a few contacts using the NC-40A and a Hamstick on the luggage rack. I have NC-40A s/n 1000 coming in the mail next week. This one I'm keeping!!!

73 Rich K7SZ

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Date: Thu, 22 Jun 2000 21:08:31 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [73224] V01DZA de N10DL  
Message-ID: <aa.6c801e1.2684128f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Graham:

Tried to find you at 9:00 for about 1/2 hour. heard several weak stations, but they were not you. I did talk to WA8BXN on the AT tonight, in PA. I would be glad to try again whenever you want. I am using my OHR400 at 5 watts and

will be happy to turn down the power as low as you want to go. Let me know what works for you, After FD, I presume....

Nice try anyway...

Aron

N10DL

-----  
Date: Thu, 22 Jun 2000 18:20:47 -0700  
From: Roger Hightower <n7kt@worldnet.att.net>  
To: tjarey@home.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73225] Re: Ground Loops????  
Message-ID: <3952BB6F.6FD4597A@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just a note on the MFJ antenna switches.

I have found that they are not really well constructed, and the internal parts are subject to loosening with use. Then you get no switching at all, or intermittent operation. You have to open the switch up and tighten all the connections, but most often, the flimsy "feelers" don't have enough spring to be retensioned.

I'd suggest you invest the \$\$ in a good switch. I've gone to Alpha-Delta switches, and while pricey, they are rugged.

--

72.....Roger

Roger Hightower, N7KT      Mesa, AZ    K2#591    SOC #14

-----  
Date: Fri, 23 Jun 2000 01:32:53 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <franco@bnl.gov>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73226] Re: Smk-1's on the air?  
Message-ID: <003201bfdcaa\$94b67600\$8cfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yo Nick, et al. Just got my SMK going this evening. I'm getting a whopping 370 mWatts out, WOWZERS! Still I did have a qso with Walt, K8CV across town.

Surprisingly, the rx is pretty hot, but I'm not going to replace the OMNI VI with it, hi hi. Still, It was an interesting kit to build even though it will probably end up on the shelf after I play with it for a few days. It is a radio and it does work! It taught me one lesson though, I don't think I'll be buying any more surface mount stuff for a while. The first component took me 20 minutes to get installed, the second component took about 10 minutes and then I started to get the hang of it. Problem is, surface mount, isn't any fun for me. I tried it, I didn't like it and I won't do it again 8>). I just got my eyeballs shoved back into their sockets.

72 de Steve, W8SFF

-----  
Date: Fri, 23 Jun 2000 06:53:18 -0700  
From: Thomas Kuehl <ac7a@gci-net.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73227] ARRL FD 2000, QRP Operations  
Message-ID: <39536BCE.D70FBB03@gci-net.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here is a list of the QRP operations planned for the ARRL  
2000 Field Day:

- 1) W1EI/W1EY - Group (2A or 3A), QRO/QRP, Hampton Fire  
House, Hampton, CT
- 2) W1QK/W1QI - Group Op., QRP/QRO calls respectively  
"Candlewood Amateur Radio Association"
- 3) K2QQ - Group (1B-bat) "Buffalo QRP Connection"  
Clarence, NY, Argosy with solar panel
- 4) N3EPA - Group "Eastern PA QRP Club" solar power,  
CW & SSB
- 5) KB3FBJ - Group, (3A-bat) "Wyoming Valley QRP Commandos"  
K2, Argosy-II, Sierra, T-T 505
- 6) N4BP - Group "Guano Reef Bashful Perverts" Florida  
K2 & IC-706's running 50 MHz & RS13
- 7) N4DL - Group (2B-bat) Manatee County, Florida, K2 and  
Kenwood xcvr

- 8) WA4MM - Group (3A) "The Northern Virginia QRP Group"  
Lake Fairfax, VA
- 9) W4VQS - Group (3A-bat) "The Virginia QRP Society"  
Wilowmere Park, Stafford, VA
- 10) K5AAR - Group, Op. K5AAR will be QRP CW, all others  
QRO, Eastern Oklahoma
- 11) KK5F - Ind. (1B) Bankhead National Forest, Alabama
- 12) W5KA - Group (2A-bat) "Austin Amateur Radio Club" TX
- 13) W5IU - Group (2A-bat) "Lockheed Martin Rec. Assoc. ARC"  
TX, TS-130V & Ten Tec 515
- 14) N50BC - Ind. or Group, Broken Arrow, OK, nc-20 & sst-40
- 15) K50J - Group, "Dit Dit Contest Club," Texas, K2
- 16) K5RAC - Group (3A) "Nortex Active QRP Group," active  
camping and contesting combined, Joe Pool Lake, TX
- 17) W5USJ- Group, W5USJ is CW-QRP, QRO is different call,  
Rains County, TX, IC-706/4W with solar charged bat.
- 18) KH6IN - Group, QRP and QRPP operation, Hawaii, K2's
- 19) K6JS - Group, "San Fernando Valley ARC" CA, QRP will  
be limited to solar pts. QSO's, then QRO.
- 20) AB6MB - Group (2A-bat) Bannan Island near Antioch, CA
- 21) N6MBY - Group (2B-bat) Figueroa Mtn. near Santa Barbara,  
CA, HW-9, Ten Tec 515
- 22) N6WG - Group, (8A) Anthony Cabot State Park, nr. SF, CA
- 23) K6ZNI - Group, "Zuni Loop Mountain Expeditionary Force"  
Wrightwood, CA, elev. 7K, K2's
- 24) AC7A - Ind. (1B) Monsoons Abound! May end up (1E), K2
- 25) K7FD - Ind. (1B) Yaquina State Park, Oregon, K2
- 26) WA7LNU - Ind. (1B) Utah, elev. 9K+, K2
- 27) N7TX - Ind. (1B) Near Herber, AZ, IC-706 at 2W

- 28) N7W - Group, "Las Vegas Amateur Radio Club" McCarran  
Airport, Las Vegas, NV
- 29) WD7Y - Ind. (1B) CW, Nevada, K2 @ 5W
- 30) W8DIZ - Group "Flying Pigs QRP Club International" OH
- 31) K8ZT - Ind. (1B) Near Youngstown, OH, K2
- 32) N9FK - Group (2A-bat) "Polar Fab ARC" Minn.  
OH400, HW-8, IC-706
- 33) W0AV - Ind. (1B) Missouri, K2
- 34) W0CQC - Group "Colorado QRP Club" Rampage Ridge, CO elev. 8K
- 35) N0TU - Group (3A-bat) Mt. Herman, North of Colorado Springs,  
Colorado, K2, Sierra, NC-20
- 36) N0UR - Ind. (1B) In the cornfields of So. MN

I apologize for any errors. Don't think I'll have time for anymore edits. It's now time for me to get ready.

The Summer monsoons are here early and that can make camping out unbearable. I hope I can still make it out on FD.

May you all have a great Field Day 2000.

Best Regards to all, Thomas - AC7A (Tucson)

-----

Date: Thu, 22 Jun 2000 22:02:38 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73228] Re: ARRL FD 2000, QRP Operations  
Message-ID: <3952C53E.9C96360E@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We will be using AJ4Y from Manatee County. Also don't forget to make sure your logging software has been updated to include the new West Central Florida (WCF) section. This is the first contest that the new section will be used.

73

Paul AJ4Y

AC7A wrote:

7) N4DL - Group (2B-bat) Manatee County, Florida, K2 and  
Kenwood xcvr

-----  
Date: Thu, 22 Jun 2000 22:07:34 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [73229] rubber rejuvenator?  
Message-ID:  
<Pine.LNX.4.20.0006222205090.1567-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know of a product that could be used on rubber friction wheels  
or rollers. They get glazed and tend to slip when they get old and dry.

73,

Jim n2go

-----  
Date: Thu, 22 Jun 2000 19:06:25 -0700  
From: "K7FD-N7SG" <cqdx@teleport.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73230] Re: ARRL FD 2000, QRP Operations  
Message-ID: <003401bfdcb7\$a3e3bb80\$48231ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Thanks for the reminder! I almost forgot to download it into my No.2 pencil... ;)

73 John, Team K7FD 1B Oregon

>We will be using AJ4Y from Manatee County. Also don't forget to make  
>sure your logging software has been updated to include the new West  
>Central Florida (WCF) section. This is the first contest that the new  
>section will be used.

>

>73

>Paul AJ4Y

>

>AC7A wrote:

>

>7) N4DL - Group (2B-bat) Manatee County, Florida, K2 and

> Kenwood xcvr

-----  
Date: Thu, 22 Jun 2000 22:14:34 EDT  
From: Nv4t@aol.com  
To: n7kt@worldnet.att.net, qrp-1@lehigh.edu  
Subject: [73231] Re: Ground Loops?????  
Message-ID: <ea.702edc0.2684220a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I haave ground loop problems too, especially with taail-dragger style airplanes!

-----  
Date: Thu, 22 Jun 2000 22:15:49 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <jskalski@localnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73232] RE: rubber rejuvenator?  
Message-ID: <CKEGICNFDIMCEKEDCEHFGEKNCOAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Jim... try: <http://www.web-tronics.com/webtronics/408a-250ml.html> This is 8.8oz bottle of "Rubber-Renue @ ~\$6.50 from Circuit-Specialists in AZ. Good guys to deal with.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

Technical Editor QRP ARCI "QRP Quarterly"

website: <http://www.qsl.net/n4xy/>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> James Skalski

> Sent: Thursday, June 22, 2000 10:08 PM

> To: Low Power Amateur Radio Discussion

> Subject: rubber rejuvenator?

>

>

>

> Does anyone know of a product that could be used on rubber friction wheels  
> or rollers. They get glazed and tend to slip when they get old and dry.

>

>

> 73,

>

> Jim n2go

>

>

-----  
Date: Thu, 22 Jun 2000 21:53:51 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <jskalski@localnet.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [73233] RE: rubber rejuvenator?

Message-ID: <000101bfdcbe\$43578790\$0201010a@wb5rue>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

New wheels..;) Actually if they are real rubber (latex) there is really nothing that you can do. If it is "fake" rubber (petroleum based) there are various oils on the market that you can use. Try something like ArmorAll.

Be careful with stuff like Rubber Renue. It works great on fake, petroleum based rubbers but will dissolve latex.

72/73

Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> James Skalski

> Sent: Thursday, June 22, 2000 9:08 PM

> To: Low Power Amateur Radio Discussion

> Subject: rubber rejuvenator?

>

>

>

> Does anyone know of a product that could be used on rubber  
> friction wheels

> or rollers. They get glazed and tend to slip when they get  
> old and dry.

>

>

> 73,

>

> Jim n2go

>

-----  
Date: Thu, 22 Jun 2000 22:59:51 -0400

From: "Ed Tanton" <n4xy@att.net>

To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [73234] RE: rubber rejuvenator?

Message-ID: <CKEGICNFDIMCEKEDCEHFIELAC0AA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Is there anything else better Kevin? And where can we get it? I'd rather be safe than sorry!

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

Technical Editor QRP ARCI "QRP Quarterly"

website: <http://www.qsl.net/n4xy/>

-----  
Date: Thu, 22 Jun 2000 23:01:32 -0400  
From: "Victor Blackwell" <victor@brecnet.com>  
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [73235] Re: rubber rejuvenator?  
Message-ID: <008b01bfdcbf\$56f4a0c0\$4e5730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Kevin,

>From what you are saying, I trust automobile tires are "fake" rubber.

Vic AD8K

-----Original Message-----  
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Thursday, June 22, 2000 10:52 PM  
Subject: RE: rubber rejuvenator?

>New wheels..;) Actually if they are real rubber (latex) there is really  
>nothing that you can do. If it is "fake" rubber (petroleum based) there  
>are  
>various oils on the market that you can use. Try something like ArmorAll.  
>  
>Be careful with stuff like Rubber Renue. It works great on fake, petroleum  
>based rubbers but will dissolve latex.  
>  
>72/73  
>Kevin, WB5RUE  
>

>> -----Original Message-----  
>> From: owner-qrp-1@Lehigh.EDU  
>> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
>> James Skalski  
>> Sent: Thursday, June 22, 2000 9:08 PM  
>> To: Low Power Amateur Radio Discussion  
>> Subject: rubber rejuvenator?  
>>

>>  
>>  
>> Does anyone know of a product that could be used on rubber  
>> friction wheels  
>> or rollers. They get glazed and tend to slip when they get  
>> old and dry.  
>>  
>>  
>> 73,  
>>  
>> Jim n2go  
>>  
>

-----  
Date: Fri, 23 Jun 2000 03:03:55 +0100  
From: "Walt Amos" <k8cv@worldspy.net>  
To: <qrp-1@lehigh.edu>  
Subject: [73236] Fw: MESSAGE FOR BOB, WA2HOQ  
Message-ID: <001e01bfdcb7\$4ac1bd40\$a22f1440@walthk8cv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The ranger is dead, long live the Ranger .....

Maybe ranger is spelled RangerSF5 .....

Did anyone ever think of that?

Walt k8cv

-----Original Message-----  
From: Barry J Minsky <w2bj@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Friday, June 23, 2000 1:23 AM  
Subject: MESSAGE FOR BOB, WA2HOQ

>Bob,  
>I received your message asking whether you were getting through to  
>anyone. Here is the message I got from your server. I do not understand  
>this but thought it might help.  
>

```

>The original message was received at Thu, 22 Jun 2000 20:06:25 -0400
>(EDT)
>from m4.boston.juno.com [63.211.172.67]
>
>
>*** ATTENTION ***
>
>Your e-mail is being returned to you because there was a problem with its
>delivery. The address which was undeliverable is listed in the section
>labeled: "----- The following addresses had permanent fatal errors
>-----".
>
>The reason your mail is being returned to you is listed in the section
>labeled: "----- Transcript of Session Follows -----".
>
>The line beginning with "<<<" describes the specific reason your e-mail
>could
>not be delivered. The next line contains a second error message which is
>a
>general translation for other e-mail servers.
>
>Please direct further questions regarding this message to your e-mail
>administrator.
>
>--AOL Postmaster
>
>
>
> ----- The following addresses had permanent fatal errors -----
><rangersf5@aol.com>
>
> ----- Transcript of session follows -----
>... while talking to air-zd05.mail.aol.com.:
>>>> RCPT To:<rangersf5@aol.com>
><<< 550 rangersf5 IS NOT ACCEPTING MAIL FROM THIS SENDER
>550 <rangersf5@aol.com>... User unknown
>72/73,
>Barry J. Minsky, W2BJ
>ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
>Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
>Knightlites, Adventure Radio Society #359,
>Six Club #151, QCWA #29298, OOTC #3723, SOC #193
>

```

-----

Date: Fri, 23 Jun 2000 03:15:04 +0100

Fellow qrpers:

Oh, he was W8SFF/qrpp .....

-----

On Thu, 22 Jun 2000, Kevin Muenzler WB5RUE wrote:

I need to "fix" rollers in a laser printer...do you know if the rubber there is fake?

Works very well.

[illegible]

baltimoremd@baltimoremd.com

Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com>  
<http://www.min.net/~thom/>

Baltimore's Home Page  
Home of the Baltimore Lexicon  
QRP and Drake Mail List Pages

-----  
Date: Thu, 22 Jun 2000 22:33:18 -0500  
From: Jay Freeman <jayFreem@direcpc.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73239] Re: Hustler Q, thanks to all who responded  
Message-ID: <3952DA7E.99C7556A@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I got quite a few replies and wish to thank everyone who took the time.  
I'll try to post a summary when I resubscribe next week. Right now I'm  
busy packing :).

Tnx es 73,

Jay

--  
\*-----\*  
\* Jay Freeman - WT9S ARRL \*  
\* G-QRP 10319 QRP-ARCI 9981 ARS 562 \*  
\* SASS #18700 NRA Life \*  
\*-----\*

-----  
Date: Fri, 23 Jun 2000 14:01:50 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73240] Re: Fw: MESSAGE FOR BOB, WA2HOQ  
Message-ID: <3952E12E.1B2104EB@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Walt Amos wrote:



> The ranger is dead, long live the Ranger .....

How's Tonto? Can't think of the horse - famous trivia question.

--

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E  
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>  
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"  
URL - <http://www.integritynet.com.au/~purdic/>

-----  
Date: Thu, 22 Jun 2000 23:05:45 -0500  
From: George W Lee <[georgekr5c@juno.com](mailto:georgekr5c@juno.com)>  
To: [grp-1@Lehigh.EDU](mailto:grp-1@Lehigh.EDU)  
Subject: [73241] Re:longwire  
Message-ID: <20000622.232432.-975129.3.georgekr5c@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I started to write individual thanks for  
answers to my question on the longwire,  
but it turned out to be so overwhelming  
in numbers, I hope all will accept my thanks  
in mass.

Everyone had the same answer and that is what  
I thought but I had never run a long wire  
before and wanted to be sure.

The MFJ man was no help at all.

One more reason to believe this is the best  
reflector going.

72, George

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 22 Jun 2000 23:29:19 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-1@lehigh.edu  
Subject: [73242] HP-48G as Logger Anyone?  
Message-ID: <PENMCHANNOKOEAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Language: en  
Content-Transfer-Encoding: 7bit

Fellow QRP'ers,

I'm going hiking in the Beartooth Mountains of MT in mid August with my Dad, and am planning on bringing the DSW-20 and fishpole vertical for some spare time QSO's. I'm also thinking about whether there is a way to program my HP-48G calculator w/ 32k memory to do some really basic logging. I'm sure there's a way but I've not touched the thing for anything other than simple operations for quite some time.

Has anyone else tried this? Ideas? suggestions?

See y'all in the hunt this weekend!

73,  
Joel Kluender  
---  
Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

-----  
Date: Fri, 23 Jun 2000 00:39:06 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [73243] Re: Ground Loops????  
Message-ID: <3.0.32.20000623003902.007371d0@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:26 PM 6/22/00 -0400, you wrote:

>I have a wierd thing happening. I have several radios in the shack. They  
>share a common (battery) power source but are set up to only use ONE  
>antenna through a 6 place antenna switch (MFJ something or other).  
>Consequently all radios except the one being used are powered off  
>(although still connectd to the source). I notice specifcally with my K2  
>and my Argo II that, they can appear to be low in output (desensed???)  
>until I hit the key or the tune button, then the rig will come alive  
>with signals. I'm making an assumption that I'm dealing with a ground  
>loop. (I make lots of assumptions about a lot of things but this is the  
>only one causing me trouble right now). Does anyone know of any good  
>artcles on managing ground loops??? Even if its not the cause of this  
>wierdness it might be nice to read up on the subject.

>

>--

>+++++

>

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

>

> Website http://members.home.net/tjarey

>

> Snail Mail: PO Box 236, Beverly, NJ 08010

>

> Specialization is for insects! LAZARUS LONG

>

>Skip,

More info than you want to know is in the classic book by  
Ralph Morrison...."Grounding and Shielding Techniques in  
Instrumentation".

ISBN 0 471 61617 6 A Wiley publication.

73 Pete NV4V

South of Nonesuch,Ky and NE of Gravel Switch

-----

Date: Thu, 22 Jun 2000 21:44:38 -0700

From: Russ Dow <n7dw@garlic.com>

To: ianpurdie@integritynet.com.au

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [73244] Re: Fw: MESSAGE FOR BOB, WA2HOQ

Message-ID: <3952EB36.36AF3D62@garlic.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tonto's horse was named Scout. "Git-um up, Scout!" :-)

-- Russ N7DW

"Ian C. Purdie VK2TIP" wrote:

>  
> Walt Amos wrote:  
>  
> > The ranger is dead, long live the Ranger .....  
>  
> How's Tonto? Can't think of the horse - famous trivia question.  
>  
> --  
> 72/73's  
>  
> Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E  
> My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>  
> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"  
> URL - <http://www.integritynet.com.au/~purdic/>

-----  
Date: Thu, 22 Jun 2000 21:53:25 -0700  
From: "Ron Giuntini" <[rong@slip.net](mailto:rong@slip.net)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [73245] Computer logging  
Message-ID: <000b01bfdcce\$f78622c0\$5110b9d8@rongiuntini>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I guess I am old fashioned. Pencil and dupe sheet for me...Can someone tell me the advantage to toting a computer on field day?  
KB6GK

-----  
Date: Fri, 23 Jun 2000 01:10:54 EDT  
From: AdamN7YA@aol.com  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [73246] Re: Voice Mode  
Message-ID: <38.79b8df7.26844b5e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 6/22/2000 3:03:48 PM Pacific Daylight Time,

brad.mugleston@gwl.com writes:

<< Why does someone who is calling CQ on 15M say CQ 15? Isn't it obvious to the person listening that this person is on 15? Maybe in the old days people worked Cross Band (Talk on 15 listen on 20). >>

Hi Brad, when i started i remember most people were calling CQ 20 or CQ 15, etc...it may be a throwback to the earlier days of transmitters that were...well...less than clean. i could be wrong about this, but if you are calling cq on 20 and a guy is hearing that cq on harmonic on 15...he can come find you and tell you.

I only take this guess because it happened to me when i was 18, i was calling cq on 80...a guy in Nebraska answered me, i thought 'oh cool, a new state on 80!'...nope, he told me i was QRMing his QSO on 15!!...i said OOPS and sorry and a quick QRT. i was using an old Galaxy V tube rig...my first rig, but less than clean...i was a little embarrassed.

Like i said, i could be wrong...but i think its a good stab in the dark.

72/73/74...Adam, N7YA

Las Vegas, NV...Zone 03

QRP-L #1608, SOC #143, Y Guy #2

Code Warrior #76, Hamusician #1

-----  
Date: Fri, 23 Jun 2000 22:38:13 -0700  
From: Thomas Kuehl <ac7a@gci-net.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73247] ARRL FD 2000, QRP Operations  
Message-ID: <39544945.6CCBCF7F@gci-net.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here is a list of the QRP operations planned for the ARRL 2000 Field Day (with latest correction, see no. 4):

- 1) W1EI/W1EY - Group (2A or 3A), QRO/QRP, Hampton Fire House, Hampton, CT
- 2) W1QK/W1QI - Group Op., QRP/QRO calls respectively  
"Candlewood Amateur Radio Association"
- 3) K2QQ - Group (1B-bat) "Buffalo QRP Connection"  
Clarence, NY, Argosy with solar panel
- 4) N3EPA - Group "Eastern PA QRP Club" solar power,  
CW & SSB

- 5) KB3FBJ - Group, (3A-bat) "Wyoming Valley QRP Commandos"  
K2, Argosy-II, Sierra, T-T 505
- 6) N4BP - Group "Guano Reef Bashful Perverts" Florida  
K2 & IC-706's running 50 MHz & RS13
- 7) AJ4Y - Group (2B-bat) Manatee County, Florida, K2 and  
Kenwood xcvr
- 8) WA4MM - Group (3A) "The Northern Virginia QRP Group"  
Lake Fairfax, VA
- 9) W4VQS - Group (3A-bat) "The Virginia QRP Society"  
Wilowmere Park, Stafford, VA
- 10) K5AAR - Group, Op. K5AAR will be QRP CW, all others  
QRO, Eastern Oklahoma
- 11) KK5F - Ind. (1B) Bankhead National Forest, Alabama
- 12) W5KA - Group (2A-bat) "Austin Amateur Radio Club" TX
- 13) W5IU - Group (2A-bat) "Lockheed Martin Rec. Assoc. ARC"  
TX, TS-130V & Ten Tec 515
- 14) N50BC - Ind. or Group, Broken Arrow, OK, nc-20 & sst-40
- 15) K50J - Group, "Dit Dit Contest Club," Texas, K2
- 16) K5RAC - Group (3A) "Nortex Active QRP Group," active  
camping and contesting combined, Joe Pool Lake, TX
- 17) W5USJ- Group, W5USJ is CW-QRP, QRO is different call,  
Rains County, TX, IC-706/4W with solar charged bat.
- 18) KH6IN - Group, QRP and QRPP operation, Hawaii, K2's
- 19) K6JS - Group, "San Fernando Valley ARC" CA, QRP will  
be limited to solar pts. QS0's, then QRO.
- 20) AB6MB - Group (2A-bat) Bannon Island near Antioch, CA
- 21) N6MBY - Group (2B-bat) Figueroa Mtn. near Santa Barbara,  
CA, HW-9, Ten Tec 515
- 22) N6WG - Group, (8A) Anthony Cabot State Park, nr. SF, CA

- 23) K6ZNI - Group, "Zuni Loop Mountain Expeditionary Force"  
Wrightwood, CA, elev. 7K, K2's
- 24) AC7A - Ind. (1B) Monsoons Abound! May end up (1E), K2
- 25) K7FD - Ind. (1B) Yaquina State Park, Oregon, K2
- 26) WA7LNU - Ind. (1B) Utah, elev. 9K+, K2
- 27) N7TX - Ind. (1B) Near Herber, AZ, IC-706 at 2W
- 28) N7W - Group, "Las Vegas Amateur Radio Club" McCarran  
Airport, Las Vegas, NV
- 29) WD7Y - Ind. (1B) CW, Nevada, K2 @ 5W
- 30) W8DIZ - Group "Flying Pigs QRP Club International" OH
- 31) K8ZT - Ind. (1B) Near Youngstown, OH, K2
- 32) N9FK - Group (2A-bat) "Polar Fab ARC" Minn.  
OH400, HW-8, IC-706
- 33) W0AV - Ind. (1B) Missouri, K2
- 34) W0CQC - Group "Colorado QRP Club" Rampage Ridge, CO elev. 8K
- 35) N0TU - Group (3A-bat) Mt. Herman, North of Colorado Springs,  
Colorado, K2, Sierra, NC-20
- 36) N0UR - Ind. (1B) In the cornfields of So. MN

I apologize for any errors. Don't think I'll have time for anymore edits. It's now time for me to get ready.

The Summer monsoons are here early and that can make camping out unbearable. I hope I can still make it out on FD.

May you all have a great Field Day 2000.

Best Regards to all, Thomas - AC7A (Tucson)

-----

Date: Fri, 23 Jun 2000 22:42:59 -0700  
From: Thomas Kuehl <ac7a@gci-net.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [73248] The FD 2000 List  
Message-ID: <39544A63.D074283B@gci-net.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In my previous message, I meant a correction to no.7, not no. 4. It's late and I am trying to get the new mic preamp installed in the K2.

Thomas - AC7A

-----  
Date: Fri, 23 Jun 2000 04:18:03 -0400 (EDT)  
From: medic361@webtv.net  
To: qrp-1@Lehigh.EDU  
Subject: [73249] Masked????  
Message-ID: <24620-39531D3B-5148@storefull-283.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

I know this is going to seem like a stupid question to the experienced kit builders here. what does it mean when a pc board is masked?

thanks in advance.  
73,  
dwayne ke4rvt

-----  
Date: Fri, 23 Jun 2000 06:37:13 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <baltimoreemd@baltimoreemd.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73250] Re: rubber rejuvenator?  
Message-ID: <004e01bfdcff\$0b8fae00\$2c4dfea9@dadshp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Years ago I used to use "Sears Super Brush Cleaner" to 'rejuvenate' pressure rollers in tape decks when I couldn't get the actual parts.



It had toluene and acetone in it which were pretty nasty and would destroy any plastic it touched, but it wouldn't hurt nylon, and something in the stuff to make brushes soft actually seemed to soften and help the rollers.

But with all the do-gooders, the stuff they sell now I don't know. It's been neutered.

Mike

----- Original Message -----

From: <baltimoremd@baltimoremd.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, June 22, 2000 11:22 PM

Subject: RE: rubber rejuvenator?

> On Thu, 22 Jun 2000, Kevin Muenzler WB5RUE wrote:

>

> > Be careful with stuff like Rubber Renue. It works great on fake, petroleum

> > based rubbers but will dissolve latex.

>

> I need to "fix" rollers in a laser printer...do you know if the rubber there is fake?

>

> I know the laser/copier repair guys use a very thin adhesive-backed rubber tape to renew rollers...but, like most trade secrets, I've never been able to convince any of them to tell me where you can buy it.

>

> Works very well.

>

> 73,thom

>

./././././././././././././././././././././././././././././././././././././

> baltimoremd@baltimoremd.com

Thom LaCosta K3HRN Webmaster

>

> <http://www.baltimoremd.com/>

Baltimore's Home Page

> <http://www.baltimorehon.com>

Home of the Baltimore Lexicon

> <http://www.min.net/~thom/>

QRP and Drake Mail List Pages

>

>

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Date: Fri, 23 Jun 2000 05:43:18 -0500

From: "Chuck Carpenter" <w5usj@globeco.net>  
To: ac7a@gci-net.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73251] Re: ARRL FD 2000, QRP Ops (Adjusted)  
Message-ID: <3.0.2.32.20000623054318.0087bc20@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Slight adjustment to my update....

>  
>17) W5USJ- Group, W5USJ is CW-QRP, QRO is different call,  
> Rains County, TX, IC-706/4W with solar charged bat.

QRO is same call but will be SSB only and running off generators.

Got my 200 AH battery charged and ready to go...

Many thanks to Thomas for putting together this list for the rest of us to enjoy...

Hope to work twice as many of you and the QRO group does 8^)...

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Fri, 23 Jun 2000 20:58:53 +1000  
From: "Graeme Zimmer" <gzimmer@bigpond.com>  
To: <medic361@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [73252] Re: Masked????  
Message-ID: <002d01bfdd02\$0667c400\$5e5b868b@zimsllaptop>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Dwayne,

> I know this is going to seem like a stupid question to the experienced  
> kit builders here. what does it mean when a pc board is masked?

Commercial boards have a (usually) green "solder mask" paint layer which prevents the tin (and thus the solder) sticking where it is not wanted. It would be impossible to wave-solder fine pitch boards without it. It also makes hand soldering vastly easier.

The final important layer is the "screen print" which is the (usually) white

lettering and diagrams which show which components go where.

cheers ..... Zim ..... VK3GJZ

-----  
Date: Fri, 23 Jun 2000 06:58:24 -0500  
From: bob evinger <wd9eka@arrl.net>  
To: AdamN7YA@aol.com, qrp <qrp-1@lehigh.edu>  
Subject: [73253] Re: Voice Mode  
Message-ID: <395350E0.86B71599@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

NOt nearly as bad as the phone call I got one evening 15 years ago. I like operating 15 meters and at the time lived about 1/2 mile from a state police post who used 42mhz at the time, (see where this is going). I was using an argo 509 with one of those stinking cheap 100 watt bricks that was probably meant more for the 11 meter crowd but was setup for 80-10. Anyway, got a call one night from a dispatcher who was also a ham that I knew indirectly. He asked if I had been on the air a earlier in the evening and asked the freq. I for some reason liked hanging out around turned out to be 1/2 the freq of their main freq on 42 mhz. My signal wasnt huge at the post, but he said it was strong enough to potentially wreak havoc on a squad that was out on the fringes. He told me that lots of other dispatchers had been mentioning some noise problem but didn't know what it was. He just happened to be on duty and was able to copy the code.

I moved my choice of operating frequency real quick and got a new station setup real quick also. New rig eliminated the harmonics. Glad he was a ham and called me instead of the other guys (FCC).

bob

AdamN7YA@aol.com wrote:

>  
> Ina message dated 6/22/2000 3:03:48 PM Pacific Daylight Time,  
> brad.mugleston@gwl.com writes:  
>  
> << Why does someone who is calling CQ on 15M say CQ 15? Isn't it  
> obvious to the person listening that this person is on 15? Maybe in the  
> old days people worked Cross Band (Talk on 15 listen on 20). >>  
>  
> Hi Brad, when i started i remember most people were calling CQ 20 or CQ 15,  
> etc...it may be a throwback to the earlier days of transmitters that  
> were...well...less than clean. i could be wrong about this, but if you are  
> calling cq on 20 and a guy is hearing that cq on harmonic on 15...he can come  
> find you and tell you.  
> I only take this guess because it happened to me when i was 18, i was  
> calling cq on 80...a guy in Nebraska answered me, i thought 'oh cool, a new  
> state on 80!'...nope, he told me i was QRMing his QSO on 15!!...i said OOPS  
> and sorry and a quick QRT. i was using an old Galaxy V tube rig...my first  
> rig, but less than clean...i was a little embarrassed.  
> Like i said, i could be wrong...but i think its a good stab in the dark.  
>  
> 72/73/74...Adam, N7YA  
> Las Vegas, NV...Zone 03  
> QRP-L #1608, SOC #143, Y Guy #2  
> Code Warrior #76, Hamusician #1

--

Bob Evinger WD9EKA Marshall, Illinois  
If Guns Cause Crime, Then Matches Cause Arson.

-----  
Date: Fri, 23 Jun 2000 12:36:21 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [73254] Re: Fw: MESSAGE FOR BOB, WA2HOQ  
Message-ID: <003101bfdd07\$41f2bd40\$88fa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tonto's horse was named 'Scout' but I don't think it had anything to do  
with Ten-Tec.  
de Steve, W8SFF

-----

Date: Fri, 23 Jun 2000 08:45:28 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [73255] Re: Computer logging  
Message-ID: <002701bfdd10\$e917a780\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> I guess I am old fashioned. Pencil and dupe sheet for me...Can someone tell  
> me the advantage to toting a computer on field day?

- 1) Faster dupe lookups.
- 2) Digital modes

And the disadvantages:

- 1) Weight
- 2) Power consumption
- 3) Rf noise
- 4) (un)Reliability (not very resistant to rain, sandstorms, coffee, power failures, etc.)
- 5) Microsoft.

Dave

-----  
Date: Fri, 23 Jun 2000 08:50:34 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [73256] Re: Masked????  
Message-ID: <003601bfdd11\$9fac8790\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> I know this is going to seem like a stupid question to the experienced  
> kit builders here. what does it mean when a pc board is masked?

PC boards are commonly coated after being etched and plated. The coating, which is frequently green, covers everything except the pads where components will be soldered or where there are card-edge connector fingers. The coating (called solder mask) keeps solder from adhering to the otherwise

bare copper traces between components. It reduces wasted solder and helps keep solder bridges from forming between traces. It also helps protect the copper from airborne contamination.

Dave

-----  
Date: Fri, 23 Jun 2000 09:16:09 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <dlh1009@ritvax.isc.rit.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73257] Re: Masked????  
Message-ID: <01ab01bfdd15\$36fa7aa0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

One other advantage to 'masking' is the circuit board is now much less prone to swelling from moisture. Some people don't consider that a problem, but on the other hand, the Radio Shack COMP-100 scanner was a nightmare from that issue. Otherwise it was a fantastic scanner. One of the best I ever had for sensitivity. But the boards would swell and crack the 'vias' (feedthroughs). I ended up 'baking' my boards for a day or so at about 120 degrees. Not hot, just over warm, but dry. I also soldered a piece of wirewrap through every single feedthrough, and made sure that on every pin if there were solder on the bottom, it also 'wetted' at the top. Boards that 'failed' came back to life, and once fixed, then 'dried' I sprayed the bottom with clearcoat to at least keep new moisture from one side. And I never turned the thing off!

It was a shame.

In fact, I gave thought to making my own interface for the thing, as the boards that were the problem were all digital. The main board was actually pretty trouble free, and the interface for the digital boards was quite complete and easy to 'hack' to. In fact, I probably would have, but the PRO-2001 scanner was quickly next, and it was light years ahead in functionality.

Mike

> > I know this is going to seem like a stupid question to the

experienced

> > kit builders here. what does it mean when a pc board is masked?

>

> PC boards are commonly coated after being etched and plated. The coating,

> which is frequently green, covers everything except the pads where components will be soldered or where there are card-edge connector fingers.

> The coating (called solder mask) keeps solder from adhering to the otherwise

> bare copper traces between components. It reduces wasted solder and helps

> keep solder bridges from forming between traces. It also helps protect the

> copper from airborne contamination.

>

> Dave

>

>

>

>

-----

Date: Fri, 23 Jun 2000 08:12:32 -0500

From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

To: <victor@brecnet.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [73258] RE: rubber rejuvenator?

Message-ID: <000101bfdd14\$b1fc0030\$ef5d6f81@v8.uthscsa.edu>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Yes they are. Latex isn't used much any more because it isn't that durable (compared to today's rubbers."

72/73/

Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Victor Blackwell

> Sent: Thursday, June 22, 2000 10:02 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: rubber rejuvenator?

>  
>  
> Kevin,  
>  
> >From what you are saying, I trust automobile tires are "fake" rubber.  
>  
> Vic AD8K  
>  
>  
> -----Original Message-----  
> From: Kevin Muenzler WB5RUE <wb5rue@stic.net>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Date: Thursday, June 22, 2000 10:52 PM  
> Subject: RE: rubber rejuvenator?  
>  
>  
> >New wheels..;) Actually if they are real rubber (latex)  
> there is really  
> >nothing that you can do. If it is "fake" rubber (petroleum  
> based) there  
> are  
> >various oils on the market that you can use. Try something  
> like ArmorAll.  
> >  
> >Be careful with stuff like Rubber Renue. It works great on  
> fake, petroleum  
> >based rubbers but will dissolve latex.  
> >  
> >72/73  
> >Kevin, WB5RUE  
> >  
> >> -----Original Message-----  
> >> From: owner-qrp-1@Lehigh.EDU  
> >> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> >> James Skalski  
> >> Sent: Thursday, June 22, 2000 9:08 PM  
> >> To: Low Power Amateur Radio Discussion  
> >> Subject: rubber rejuvenator?  
> >>  
> >>  
> >>  
> >> Does anyone know of a product that could be used on rubber  
> >> friction wheels  
> >> or rollers. They get glazed and tend to slip when they get  
> >> old and dry.  
> >>  
> >>  
> >> 73,



> >>  
> >> Jim n2go  
> >>  
> >  
>  
>

-----  
Date: Fri, 23 Jun 2000 08:12:59 -0500  
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
To: <n4xy@att.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [73259] RE: rubber rejuvenator?  
Message-ID: <000201bfdd14\$c17f8ef0\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Replace the rollers....

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU  
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Ed Tanton  
> Sent: Thursday, June 22, 2000 10:00 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: RE: rubber rejuvenator?  
>  
>  
> Is there anything else better Kevin? And where can we get it?  
> I'd rather be  
> safe than sorry!  
>  
> 73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)  
>  
> Technical Editor QRP ARCI "QRP Quarterly"  
>  
> website: <http://www.qsl.net/n4xy/>  
>  
>

-----  
Date: Fri, 23 Jun 2000 09:25:00 -0400  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "'ac7a@gci-net.com'" <ac7a@gci-net.com>, Low Power Amateur Radio Discussion

<qrp-1@Lehigh.EDU>  
Subject: [73260] RE: ARRL FD 2000, QRP Operations  
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1E8D@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Look also for W1FB on Sunday. Unfortunately, we won't be getting on the air until about 1300 Z on Sunday AM, from a Burlington, CT park.

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----  
From: Thomas Kuehl [mailto:ac7a@gci-net.com]  
Sent: Thursday, June 22, 2000 12:09 PM  
To: Low Power Amateur Radio Discussion  
Subject: ARRL FD 2000, QRP Operations

Here is a list of the QRP operations planned for the ARRL 2000 Field Day:

- 1) W1QK/W1QI - Group Op., QRP/QRO calls respectively  
"Candlewood Amateur Radio Association"
- 2) N3EPA - Group "Eastern PA QRP Club" solar power,  
CW & SSB
- 3) N4BP - Group "Guano Reef Bashful Perverts" Florida  
K2's & IC-706 (VHF)
- 4) W4VQS - Group (3A-bat) "The Virginia QRP Society"  
Wilomere Park, VA
- 5) W5KA - Group (2A-bat) "Austin Amateur Radio Club" TX
- 6) K5AAR - Group, Op. K5AAR will be QRP CW, all others

QR0, Eastern Oklahoma

- 7) N5IU - Group (2A-bat) "Lockheed Martin Rec. Assoc. ARC"  
Texas, TS-130V & TT 515
- 8) N50BC - Ind. or Group, Broken Arrow, OK, nc-20 & sst-40
- 9) K50J - Group, "Dit Dit Contest Club," Texas, K2
- 10) W5USJ- Texas, IC-706/4W
- 11) AD6CW - Group, "Zuni Loop Expeditionary Force" K2's  
Wrightwood, CA, elev. 7K
- 12) KH6IN - Group, QRP and QRPP operation, Hawaii, K2's
- 13) K6JS - Group, "San Fernando Valley ARC" CA, QRP will  
be limited to solar pts. QSO's, then QR0
- 14) AB6MB - Group (2A-bat) Bannan Island near Antioch, CA
- 15) N6WG - Group, (8A) Anothony Cabot State Park, nr. SF
- 16) AC7A - Ind. (1B) So. Arizona, K2
- 17) K7FD - Ind. (1B) Yaquina State Park, Oregon, K2
- 18) WA7LNU - Ind (1B) Utah, K2
- 19) N7TX - Ind (1B) Near Herber, AZ, IC-706 at 2W
- 20) N7W - Group, Las Vegas, NV
- 21) W8DIZ - Group "Flying Pigs QRP Club International" OH
- 22) N9FK - Group (2A-bat) "Polar Fab ARC" Minn.  
OH400, HW-8, IC-706
- 23) W0AV - Ind (1B) Missouri, K2
- 24) W0CQC - Group "Colorado QRP Club" Rampage Ridge, CO elev. 8K
- 25) N0TU - Group (3A-bat) Mt. Herman, North of Colorado Springs,  
Colorado, K2, Sierra, NC-20
- 26) N0UR - Ind (1B) In the cornfields of So. MN

Please send corrections and additions to me. I will try to

get a corrected list out by tomorrow night. I am running out of time to get ready!

Best Regards, Thomas - AC7A (Tucson)

-----  
Date: Fri, 23 Jun 2000 09:45:38 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: "Mugleston, Brad" <brad.mugleston@gwl.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73261] Re: Voice Mode  
Message-ID: <Pine.OSF.4.21.0006230940500.2290-1000000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 22 Jun 2000, Mugleston, Brad wrote:

> I finally saw that new movie - Frequency. Not too bad but I have a question.  
> They used a mode I'm not much familiar with ' VOICE" and a procedure I don't  
> understand. Why does someone who is calling CQ on 15M say CQ 15? Isn't it  
> obvious

Yeah I guess... but I always say the band when I'm calling CQ. Perhaps just to break up the monotony of just saying the word CQ over and over. here's a typical SSB CQ I use...

Hello CQ calling CQ  
hello CQ CQ CQ  
Calling CQ 20 CQ 20 CQ 20  
Hello CQ calling CQ  
This is Whiskey Eight Kilo Charlie  
W8KC  
Whiskey Eight Kilo Charlie near Detroit Michigan  
Calling CQ on 20 Meters and listening for a call...

I don't work much SSB, and I don't call CQ much, but when I do, that's pretty much how it goes...

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:  
<<http://www.acs.oakland.edu/~prvalko>>

-----

Date: Fri, 23 Jun 2000 09:46:23 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73262] Re: rubber rejuvenator?  
Message-ID: <021601bfdd1a\$96a2c0c0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In case you haven't noticed, that's not an option in a lot of cases....

Mike

> Replace the rollers....  
>  
> > -----Original Message-----  
> > From: owner-qrp-l@Lehigh.EDU  
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> > Ed Tanton  
> > Sent: Thursday, June 22, 2000 10:00 PM  
> > To: Low Power Amateur Radio Discussion  
> > Subject: RE: rubber rejuvenator?  
> >  
> >  
> > Is there anything else better Kevin? And where can we get it?  
> > I'd rather be  
> > safe than sorry!  
> >  
> > 73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)  
> >  
> > Technical Editor QRP ARCI "QRP Quarterly"  
> >  
> > website: <http://www.qsl.net/n4xy/>  
> >  
> >  
>

-----  
Date: Fri, 23 Jun 2000 13:55:48 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73263] Re: Voice Mode  
Message-ID: <39532614.6C305972@earthlink.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The last time I did a LOT of SSB I found it very easy.  
All I had to do was call CQ CQ CQ this is KC4AAB/MM2  
KC4AAB over, and I then had plenty of people to talk  
to all night.

: -))

Once in a while, it is fun to be the rare DX.  
:-)

michael N6CHV

-----

Date: Fri, 23 Jun 2000 08:37:03 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "'tjarey@home.com'" <tjarey@home.com>, Low Power Amateur Radio Discussion  
<qrp-l@Lehigh.EDU>  
Subject: [73264] RE: Ground Loops?????  
Message-ID: <01BFDCEE.35680580.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hello Skip--

I doubt that it's a ground loops. Ground loops cause noise pickup, not  
intermittent loss of signal. Sounds like you've got an intermittent  
connection somewhere and putting a little RF (even 5 watts) through it  
clears it. Burns through the oxide or whatever.

Ground loop. Take three pieces of equipment physically separated--set them  
on the points of a triangle. With coax, connect A to B, B to C and C to A.  
Now you have a ground loop around the perimeter of the triangle. Any  
[noise] field passing through that triangle will induce a current  
circulating around the shields of those three cables. By some mechanisms  
that I'm not that good at explaining, those noise signals can now be  
coupled into the signal path of your cabling.

How do you combat this? I think a simple way is to visualize the loop and  
arrange equipment and cabling to minimize its area. For instance, instead  
of running the C to A cable by the direct route, route it with the C to B  
cable and then with the B to A cable. Or maybe your application could be  
arranged with just cables from A to B and A to C. Sort of like a "star"  
ground system--everything's a dead end so there's no opportunity for

circulation. More complicated methods might be include using differential signals instead of single ended. But we're not going to redesign our equipment here. Maybe breaking the loop with a transformer would be beneficial.

In instrumentation (low level signal) work, loops are bad whether or not a ground is involved. A good practice for twisted pair wiring entering a cabinet is to keep the wires together as far as possible. Don't separate them and create a loop between them or you'll cause noise pickup.

Another common method for avoiding loops in instrumentation is to ground the cable shield at only one end. This works because the shield is not part of the circuit path. We have a twisted pair of wires providing the circuit path and the shield and its drain wire are for noise reduction only. With a multiple cable scheme, grounding those drain wires at both ends can create huge loops. So we leave them floating at one end.

Hope this helps some. Sorry, I don't have any ready references. I have read about the subject in EPRI and IEEE papers and also had some training from noise reduction specialists. (I work at a power plant.)

72--Nick, WA5BDU

-----Original Message-----

From: T.J. "SKIP" Arey N2EI [SMTP:tjarey@home.com]  
Sent: Thursday, June 22, 2000 7:26 PM  
To: Low Power Amateur Radio Discussion  
Subject: Ground Loops?????

I have a wierd thing happening. I have several radios in the shack. They share a common (battery) power source but are set up to only use ONE antenna through a 6 place antenna switch (MFJ something or other). Consequently all radios except the one being used are powered off (although still connectd to the source). I notice specifcally with my K2 and my Argo II that, they can appear to be low in output (desensed???) until I hit the key or the tune button, then the rig will come alive with signals. I'm making an assumption that I'm dealing with a ground loop. (I make lots of assumptions about a lot of things but this is the only one causing me trouble right now). Does anyone know of any good artcles on managing ground loops??? Even if its not the cause of this wierdness it might be nice to read up on the subject.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Fri, 23 Jun 2000 08:48:48 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "'rong@slip.net'" <rong@slip.net>, Low Power Amateur Radio Discussion <qrp-  
l@Lehigh.EDU>  
Subject: [73265] RE: Computer logging  
Message-ID: <01BFDCEF.D9678D80.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Oh, boy! Of all of the great things technology as done for us (and to us), computer logging and especially dupe checking has got to rank as one of the greatest.

Whenever I causally get into a contest without firing up a logging program, I assume my effort is going to be a "two page log" effort. Beyond that, it's just too much effort looking for dupes and I shut it down.

Yes, I've used the old fashioned dupe sheets (underline once for WA, circle for WB, etc.). I even used one on QRPTTF. But that was a 50 QSO contest.

By far, the biggest impediment to making QSO's in the last 8 or even 12 hours of a big test like field day is sorting through potential dupes. Computer logging makes everything so much faster and easier.

The best ones are the programs that you don't have to explicitly tell to dupe check. They are doing it as you are typing in the call and flag up potential dupes for you. TR-Log does this and is one of the great ones. It does everything but shoot the lines over the trees and fry the bacon.

72 and happy logging--

Nick, WA5BDU

will be N5A from Arkansas tomorrow. QRO (150 watts), though. I'll be listening closely for QRP signals.

-----Original Message-----

From: Ron Giuntini [SMTP:rong@slip.net]  
Sent: Thursday, June 22, 2000 11:53 PM



To: Low Power Amateur Radio Discussion  
Subject: Computer logging

I guess I am old fashioned. Pencil and dupe sheet for me...Can someone tell me the advantage to toting a computer on field day?  
KB6GK

-----  
Date: Fri, 23 Jun 2000 10:15:02 US/Eastern  
From: n2cx@voicenet.com  
To: tjarey@home.com  
Cc: qrp-l@lehigh.edu, njqrp@njqrp.org  
Subject: [73266] Re: Ground Loops????  
Message-ID: <200006231414.KAA183996@nss4.cc.lehigh.edu>

Skip,

I concur that the problem is probably not ground loops, but likely a metallic contact issue.

I've seen something similar with power-type relays used for antenna T/R. After a while the contacts corroded enough that the extremely low energy of received signals could not get thru an (oxide?) coating on the relay so the receiver sounded

"dead" but the transmitter worked fine. An ohmmeter check showed high resistance on the receiver side of the relay. But after reconnecting the relay and pumping the transmitter power thru the contacts, the resistance was fine.

Aha, problem solved - almost. The relay was conected the original way and worked fine initially but after some weeks the problem reoccured. The finx there was to use

a realy with "dry" contacts that did not require appreciable current thru them to maintain conductivity.

If you similar contact-type difficulty perhaps using a contact cleaner/preserver might help.

Or it might be an altogether different effect...

CU at FD!

72/73,

Joe E., N2CX

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>

-----  
Date: Fri, 23 Jun 2000 07:18:31 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [73267] mW Triple Crown CW Contest results  
Message-ID: <20000623141831.2752.qmail@web703.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

=====  
<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Get Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Fri, 23 Jun 2000 09:36:00 -0500  
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
To: "'Mike Yetsko'" <myetsko@insydesw.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [73268] RE: rubber rejuvenator?  
Message-ID: <000001bfdd20\$5a94b3d0\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

He asked for suggestions, I gave one. It's up to him to discern the feasibility.

I understand that certain options are limited. I am restoring a 1961 Mercedes Benz sedan that has been sitting for 35 years. Many parts are severely deteriorated and are irreplaceable. Things like the leather seats, wood molding, speakers, etc. I have few options but to refashion most of the parts myself or have it done by someone else. The motor-driven "auto-tune" AM/FM radio has tubes and still works! I had to have the speakers re-coned because they have a strange bolt pattern.

72/73

Kevin, WB5RUE

"One of the secrets of life is to make stepping stones out of stumbling blocks."

> -----Original Message-----

> From: Mike Yetzko [mailto:myetzko@insydesw.com]

> Sent: Friday, June 23, 2000 8:46 AM

> To: wb5rue@stic.net; Low Power Amateur Radio Discussion

> Subject: Re: rubber rejuvenator?

>

>

> In case you haven't noticed, that's not an option in a lot of  
> cases....

>

> Mike

>

> > Replace the rollers....

> >

> > > -----Original Message-----

> > > From: owner-qrp-1@Lehigh.EDU

> > > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> > > Ed Tanton

> > > Sent: Thursday, June 22, 2000 10:00 PM

> > > To: Low Power Amateur Radio Discussion

> > > Subject: RE: rubber rejuvenator?

> > >

> > >

> > > Is there anything else better Kevin? And where can we get it?

> > > I'd rather be

> > > safe than sorry!

> > >

> > > 73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

> > >  
> > > Technical Editor QRP ARCI "QRP Quarterly"  
> > >  
> > > website: <http://www.qsl.net/n4xy/>  
> > >  
> > >  
> >  
>  
>

-----  
Date: Fri, 23 Jun 2000 09:45:35 -0500  
From: Mike <mmorrow@companet.net>  
To: qrp-1@lehigh.edu  
Subject: [73269] Looking up 1x1 callsigns - How??  
Message-ID: <3953780F.3F08@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello all,

I've noticed that several 1x1 calls will be in use for Field Day this weekend. I have not been able to find any licensee info for any of the 1x1 calls by going to QRZ.COM, WWW.ARRL.ORG, or even on the ULS pages at [www.fcc.gov](http://www.fcc.gov).

Just where does one go to find out contact info for a station with a 1x1 call if they are not even in the FCC ULS database? There must be some official source somewhere.

73,

Mike / KK5F

-----  
Date: Fri, 23 Jun 2000 10:49:20 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: mmorrow@companet.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73270] Re: Looking up 1x1 callsigns - How??  
Message-ID: <395378F0.5938F052@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

1x1 info is found here:

<http://www.arrl.org:80/arrlvec/1x1.html>

73

Paul AJ4Y

--

Polk County Amateur Radio Emergency Services:

<http://www.qsl.net/polkares>

Florida Contest Group:

<http://www.qsl.net/fcg>

-----  
Date: Fri, 23 Jun 2000 10:52:53 -0400

From: Sam Billingsley <SBillingsley@usaninc.com>

To: "Qrpl\_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "klqrp\_submit (E-mail)"  
<klqrp@waterw.com>, "\_AAAA\_NOGA\_onlist (E-mail)" <nogaqrp@qth.net>

Subject: [73271] North Georgia QRP Club to Operate Club Call NQ4RP on Field Day We  
ekend

Message-ID: <66FCE0D1DF76D311913800805F6D0FA3D8541D@mailserver1.usan.com>

MIME-Version: 1.0

Content-Type: text/plain

North Georgia QRP Club will operate FD about 40 miles NE of Atlanta, GA near  
Flowery Branch, GA on a farm with a good RF horizon location. We will have  
6-8 operators operating two HF QRP stations and one VHF 6/2 mtr station. We  
will use an assortment of rigs and antennas and attempt to operate all all  
HF FD bands plus 6 mtr SSB and 2 mtr FM. We'll be battery power with solar  
for battery recharge and even an old Gibson Girl hand crank generator to  
recharge too if necessary.

Gear being used: K2, INDEX, SWxx, DSWxx, Wilderness Sierra, GA Sierra,  
PIXIE40, MFJ6mtrSSB, SMK, 10mtrVXO+VectronicsTX/RX

Antennas: 44ft Doublet with open wire feeder to NORCAL BLT, (2) W3EDP 87ft  
inverted L w/LDG tuner (in two directions), very long wire with manual  
L-tuner., 4 el 6mtr yagi and (2) PLPV for 20/15/10.

Main antenna support: 30 ft mast with remote antenna ends to either trees,  
buildings, or pole supports as available.

We plan to operate the entire operating period with camping tents/and sleep  
gear for rest and cooking gear for nourishment.

Sam Billingsley AE4GX Atlanta, GA  
personal web page at <http://ae4gx.home.mindspring.com/>  
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

-----  
Date: Fri, 23 Jun 2000 10:48:59 -0400 (EDT)  
From: David Ek <ekdave@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [73272] FD2000 QRP: correction N0TU now AB0GO/N0MHQ  
Message-ID: <385167391.961771739079.JavaMail.root@web622-wrb.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

N0TU has been forced to pull out of our FD effort this year on Mt Herman.  
So, it'll be me (AB0GO) and Steve N0MHQ, either working separately as  
1B-battery or together under my call sign as 2B-battery.

N0MHQ will be using his NC20, and I'll be using my Sierra on 40 through 10  
m. We'll be operating from the top of Mt. Herman, just to the west of  
Monument, CO, elev 9000 ft.

Here's to clear skies and killer propagation -

73,

Dave AB0GO

-----  
Date: Fri, 23 Jun 2000 10:08:33 -0500  
From: Mike <mmorrow@companet.net>  
To: Paul Womble <pwomble1@tampabay.rr.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73273] Re: Looking up 1x1 callsigns - How??  
Message-ID: <39537D71.153F@companet.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Paul Womble wrote:

> 1x1 info is found here:  
>  
> <http://www.arrl.org:80/arrlvec/1x1.html>

Thanks, Paul. I did not realize that the FCC had delegated part of their authority for issuing call signs.

Anyone remember the first time a 1x1 was used? IIRC, it was N4V in 1976, for a special event station associated with the NASA MARS Viking project.

73,

Mike / KK5F

-----  
Date: Fri, 23 Jun 2000 11:17:25 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73274] RE: rubber rejuvenator?  
Message-ID: <CKEGICNFDIMCEKEDCEHFAEMFC0AA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys... lest my intent be misconstrued, jumping on Kevin is not an option either. The plan here is to exchange ideas not smart-alecky remarks.

///snip  
> > > > Is there anything else better Kevin? And where can we get it?  
> > > > I'd rather be safe than sorry!  
> > > >  
> > > > 73 Ed Tanton <n4xy@arrl.net>  
///snip

-----  
Date: Fri, 23 Jun 2000 08:26:41 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [73275] mW Triple Crown & mW Field Day  
Message-ID: <20000623152641.1761.qmail@web701.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thanks to all involved in the running of the 2nd leg of the mW Triple Crown. Not limited to the Ft Smith QRP club, but to all those on the side. And to the QRP clubs, & everyone who played in the contest for at least 1 of the 3 days of milliwatt action.

Congratulations to Dan, N4ROA who has now taken 1st place again! I think he ran under 100mW most of the contest.

Give Dan 1 full watt, and he can work the world Q5 ! Outstanding op skills, location, and his K2, what chance do we have against this?! With 5 watts Dan is un-stopable.

Now, Carlin N50E and I had a go at it all 3 days of the 2nd leg, and Carlin had a higher score than both of my days combined! He ran his SST on 20M only, with 500mW and cleaned up! He worked more USA/Canada QRP stns than I did, plus allot of DX stns.

Carlin will be receiving the Hi-Mound MK705 Iambic Paddle for his fine effort. Thanks Jay!

On top of this, Carlin is a reliable back-up NCS on the Arkansas QRP 80M net every monday at 7:30pm central time on 3.560MHz. Bob N9ZZ can always count on Carlin if he is out of pocket.

Anyone who has ever run a net knows how important a guy like Carlin is to a club!

In my opinion, this triple crown (in its 1st year), has done more to bring out QRP clubs than almost any other QRP contest I know of. (I know I'm missing something, so sorry).

All club stns give out major point bonus points, so many QRP clubs across the USA/Canada are involved all at once!

There are difficulties in running a QRP contest of only 4 hours duration! The west coast vs east coast, hours



of 20/40M band openings, etc.

These things will be worked out I'm sure, and this long duration QRPp event will get better every year.

The dates, and all info on the 3rd leg of the mW Triple Crown are posted on my website listed below.

Take the milliwatt challenge on field day, and you will be amazed that you can have a Q5 path to certain areas, while 5w wont get you into another part of the USA. Another amazing thing about HF bands.

If you run RTTY, crank the power to 700mW and you will see the same thing. Drop it to 300mW and see what paths are still open.

With others calling, it can get ruff, but even low down milliwatts will work on field day if you time your call for when you have a clear shot at a CQ'ing stn.

72/3's de Jim KJ5TF  
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Get Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Fri, 23 Jun 2000 10:34:36 -0500  
From: Charles K Brown <n4so@juno.com>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [73276] MILLIWATT CONTEST  
Message-ID: <20000623.103437.3862.0.n4so@juno.com>

miliwatt.txt

From: Jim Hale <kj5tf@yahoo.com>  
Date: Mon, 19 Jun 2000 18:48:59 -0700 (PDT)  
Subject:  
Milliwatt Triple Crown Third Leg

DATES AND TIMES:

All dates and times are in UTC! Maximum operating time during each day is 4 hours.

1st Day Friday July 14th, 2000 23:00Z to Saturday July 15th, 2000 06:00Z.  
2nd Day Saturday July 15th, 2000 23:00Z to Sunday July 16th, 2000 06:00Z.  
3rd Day Sunday July 16th, 2000 23:00Z to Monday July 17th, 2000 06:00Z.

Participants may only operate 4 hours of the 7 hour window per day and may submit a log for only 2 days of the 3 day contest.

EXCHANGE: Exchange RST, SPC, First Name, PWR.  
Suggest using W as decimal point when reporting power. I.e., 1W5 = 1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.

SCORING: QSO points are awarded to contestants according to their power output. Power may be changed from QSO to QSO and must be noted in the log.

|                 |     |        |
|-----------------|-----|--------|
| 1001mW and over | 1   | Point  |
| 501mW to 1000mW | 2   | Points |
| 251mW to 500mW  | 4   | Points |
| 101mW to 250mW  | 8   | Points |
| 51mW to 100mW   | 16  | Points |
| 26mW to 50mW    | 32  | Points |
| 11mW to 25mW    | 64  | Points |
| 1mW to 10mW     | 128 | Points |
| <1mW            | 500 | Points |

NOTE: No schedules or prearranged contacts between stations are permitted.

BONUS MULTIPLIER: Number of identical first letters of first names worked. I.e., worked Jim, John, Jennie,

Joe, Jack, = 5 multiplier.

Note: one name only counts once - if you work 10 Jacks, that's still just one multiplier.

CLUB BONUS: Anyone who works a club station which is running the specified power levels listed below collects bonus points as follows:

(Clubs will not raise or lower power to accommodate a single QSO.)

900mW 1,000 points

500mW 2,000 points

250mW 3,000 points

100mW 4,000 points

50mW 5,000 points

Calculate score for each days activity:

$(\text{QSO Points}) \times (\text{Total SPC Multipliers all bands}) \times (\text{Bonus Multiplier}) +$

$(\text{Club Bonus total}) = \text{Daily Score.}$

Add the two best daily scores to find Total Score.

PRIZES: TBA

LOGS: Submit logs before September 1st, 2000.

Winners will be announced on

QRP-L ,KLQRP, and IAQRP-L. Send logs to:

Mark Milburn

117 E. Phillip St

Des Moines, IA 50315-4114

or email logs to:

IowaQRPClub@juno.com

72, John NU0V

\*\*\*\*\*

Ken Brown N4S0

Mobile, AL EM50tk

NorCal 20 at 5 watts

4 element mono. yagi

---

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 23 Jun 2000 11:09:36 -0500 (CDT)  
From: Rohn <rohn@pubrats.com>  
To: qrp-l@lehigh.edu  
Subject: [73277] For Trade: Unbuilt HW-8  
Message-ID: <Pine.LNX.3.96.1000623110111.11590A-100000@tavern.pubrats.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Every year or two I look at this and get the urge to build it. It's too dangerous to have around! HI HI

Would anyone be interested in trading an unbuilt Heathkit HW-8 QRP kit for an unbuilt Elecraft K2?

More info can be found at <http://www.pubrats.com/~rohn/hw8/index.html> It is a rather slow internet connection so I've tried to make the pictures quicker to download. If you'd like more detail, or have other questions, please ask. I think it goes without saying that I do not want to "part" this out, a complete trade only please ;-)

Thanks and 72's  
Rohn, N0RTX

-----  
Date: Fri, 23 Jun 2000 09:15:21 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-l@lehigh.edu  
Subject: [73278] Changing qrp-l listing  
Message-ID: <20000623091521.A10810@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Is there a new method for updating the listing in the qrp-l member\_numbers.txt file? I sent email to Jim, N3VXI requesting an update of my email address, but the message bounced.

--

Bob Nielsen, N7XY

nielsen@oz.net

Bainbridge Island, WA

<http://www.oz.net/~nielsen>

-----  
Date: Fri, 23 Jun 2000 16:50:28 GMT  
From: "Bill Todd" <zapzap73@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [73279] NW QRP Club FD  
Message-ID: <20000623165028.53020.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hello QRPers -

If you are in the Puget Sound area of Washington state, and REALLY don't want to operate Field Day from your home (sigh...) drive down the road to Federal Way, WA and join the NorthWest QRP Club at N7MOB's house for g e n u i n e fun and frivolity.

If you need instructions to N7MOB's home, please e-mail me directly at: wptodd@techline.com and I will help you.

Listen for our club call: WQ7RP

Have fun, and don't forget the bug spray!

Bill-N7MFB

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Date: Fri, 23 Jun 2000 12:24:40 -0500  
From: Marty <N5NW@midsouth.rr.com>  
To: qrp-1@lehigh.edu  
Subject: [73280] Re: Voice Mode  
Message-ID: <h9777lsc1eh04p5s2ab3u0rhhqi2tc57i3p@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Fri, 23 Jun 2000 13:55:48 +0000, Michael Neverdosky  
<mneverdosky@earthlink.net> wrote:

>The last time I did a LOT of SSB I found it very easy.  
>All I had to do was call CQ CQ CQ this is KC4AAB/MM2  
>KC4AAB over, and I then had plenty of people to talk=20  
>to all night.=20  
>  
>:-))  
>  
>Once in a while, it is fun to be the rare DX.  
>:-)

Having just come back from being ZA/N5NW, I'll agree!

--

Marty, N5NW

-----=  
-----  
Lakeland (Memphis), Tennessee =  
<http://marty.w.tripod.com/>  
N5NW@midsouth.rr.com

-----  
Date: Fri, 23 Jun 2000 19:26:19 +0200  
From: "Carel Mulder" <cmulder@casema.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [73281] Re: Changing qrp-1 listing  
Message-ID: <000d01bfdd38\$6370b0e0\$02c8c8c8@ZOLDER01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just unsubscribe and subscribe again Bob, using your new email address.  
Within a few minutes everything is Ok. (Also see the listserver's  
"welcome.txt")

72, Carel, PA0CMU.

-----  
Date: Fri, 23 Jun 2000 11:45:07 -0600  
From: zmola@campbellsci.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73282] Re: Voice Mode  
Message-ID: <200006231145.LAA09648@demeter.campbellsci.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

"George T. Baker" <w5yr@att.net> wrote:

> Easy, Brad: it is something to say.

>

> Try saying "CQ" over and over again long enough to attract a call or two  
> without sounding (and feeling) like a dunce! ;^)

It is also more rythmic on 10, when I tune through a signal, cq-10 sounds more like a cq than just cq alone. I then spend the time trying to pull it in better.

I don't know if others are the same way, but it is also makes me feel less stupid. :-)

Carl  
AC7BB

Carl  
zmola@campbellsci.com

-----  
Date: Fri, 23 Jun 2000 10:28:17 -0700  
From: schoon@amgt.com  
To: <qrp-1@Lehigh.EDU>, <zmola@campbellsci.com>  
Subject: [73283] RE: Voice Mode  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BDC-000623172817Z-986@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

That's why I'm designing a portable, battery powered digital voice recorder to call CQ while mobile/portable. Sure beats screaming my head off while trying to drive!

72

.mark

>-----  
>From: zmola@campbellsci.com[SMTP:zmola@campbellsci.com]  
>Sent: Friday, June 23, 2000 10:45 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Voice Mode  
>

>  
>"George T. Baker" <w5yr@att.net> wrote:  
>> Easy, Brad: it is something to say.  
>>  
>> Try saying "CQ" over and over again long enough to attract a call or two  
>> without sounding (and feeling) like a dunce! ;^)  
>  
>It is also more rythmic on 10, when I tune through a signal, cq-10 sounds  
>more like a cq than just cq alone. I then spend the time trying to pull it  
>in  
>better.  
>  
>I don't know if others are the same way, but it is also makes me feel less  
>stupid. :-)  
>  
>Carl  
>AC7BB  
>  
>Carl  
>zmola@campbellsci.com  
>

-----  
Date: Fri, 23 Jun 2000 13:55:17 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Cc: "NJQRP" <NJQRP@njqrp.org>  
Subject: [73284] FD operations at NJQRP  
Message-ID: <005c01bfdd3c\$3679ee40\$e9ca9cce@ire.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The NJ-QRP will have its club station set up this weekend full-time as WQ2RP  
in Rosedale Park near Princeton in the middle of the state.

Antennas to be used:

- Two Gummer masts for an 80 meter full wave loop.
- We will have a rotary full wave loop for 15 meters
- DK9SK supported 68 foot , flat top, inverted vee, with tuned feed
- 2m Cushcraft Ringo Ranger
- Double Extended Zepp dipole
- 7-foot diameter Small Transmitting Loop for 40m
- homebrew 6m beam

Rigs to be used:



- Elecraft K2, Wilderness Sierra, Ten-Tec 555, Radio Shack HTX-10, Kenwood all-mode 2m, GM-10, GM-15, Small Wonder Labs' PSK31-80

WQ2RP ops include:

- George Heron, N2APB
- Ken Newman, N2CQ
- Joe Everhart, N2CX
- Jim Nestor, WK8G
- Vince Passione, WA2ECP
- Tony Colagouri, W2GUM
- Ed Roswell, K2MGM
- Richard Ardolino, KB2CPE
- Dave Ottenberg, WA2DJN

Running:

- 100% battery & solar panels
- 100% QRP
- SSB, CW, PSK31
- 80m station will be active through the entire night

72, George N2APB

-----  
Date: Fri, 23 Jun 2000 14:03:09 -0400 (EDT)  
From: "John L. Sielke" <n4js@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [73285] QRP Screws  
Message-ID: <XFMail.000623140309.n4js@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Well, QRP in the sense of SMALL...I have been looking all over for some 2-56 X 1/4 NYLON pan head screws. The smallest Mouser has is 4-40. Does anyone have a suggestion? I have tried the local Hobby, Model and Craft shops, as well as hardware stores and even Home Depot.

Thanks

---

/~\ /~\ /~\ /~\ John L. Sielke n4js@pobox.com n4js@qsl.net

( N )( 4 )( J )( S ) NJ Grid:FM29LN <http://www.qsl.net/n4js>  
 \\_ / \\_ / \\_ / \\_ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
 G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

-----  
Date: Fri, 23 Jun 2000 10:48:25 -0700  
From: Mike Gipe <mgipe@reliablemeters.com>  
To: medic361@webtv.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73286] RE: Masked????  
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928ED10@mission>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="windows-1252"

Quality PC boards are covered with a soldermask. This is a thin layer of material which is either silkscreened or photo-printed over the traces on the board. It has openings over the mounting holes or pads for the components. Since it repels solder except where the openings are, it helps prevent solder bridges. It also provides some measure of physical protection to the traces, reducing corrosion and scratching.

Mike K1MG

> I know this is going to seem like a stupid question to the experienced  
> kit builders here. what does it mean when a pc board is masked?  
>  
> thanks in advance.  
> 73,  
> dwayne ke4rvt  
>

-----  
Date: Fri, 23 Jun 2000 12:17:10 -0600  
From: carlos.caro@lmco.com  
To: qrp-l@Lehigh.EDU, dlh1009@ritvax.isc.rit.edu  
Subject: [73287] RE: Computer logging  
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB023A4755@emss02m14.ems.lmco.com>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain  
Content-transfer-encoding: 7BIT

### 3.) High Techie

> -----  
> From: David Hinerman[SMTP:dlh1009@ritvax.isc.rit.edu]  
> Reply To: dlh1009@ritvax.isc.rit.edu  
> Sent: Friday, June 23, 2000 6:45 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Computer logging  
>  
> > I guess I am old fashioned. Pencil and dupe sheet for me...Can someone  
> tell  
> > me the advantage to toting a computer on field day?  
>  
> 1) Faster dupe lookups.  
> 2) Digital modes  
>  
> And the disadvantages:  
>  
> 1) Weight  
> 2) Power consumption  
> 3) Rf noise  
> 4) (un)Reliability (not very resistant to rain, sandstorms, coffee, power  
> failures, etc.)  
> 5) Microsoft.  
>  
> Dave  
>  
>

-----  
Date: Fri, 23 Jun 2000 11:19:09 -0700  
From: Paul Maciel <pmaciel@inow.com>  
To: n4js@pobox.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73288] Re: QRP Screws  
Message-ID: <3953AA1D.822E5F2A@inow.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi John,

McMaster Carr Supply ([www.mcmaster.com](http://www.mcmaster.com)) has a package of 100, 4-40 X 1/4  
pan head nylon screws - part number 95000A106 - for \$5.62.

72,

---Paul AK1P San Jose,CA

"John L. Sielke" wrote:

>  
> Well, QRP in the sense of SMALL...I have been looking all over for some 2-56 X  
> 1/4 NYLON pan head screws. The smallest Mouser has is 4-40. Does anyone have a  
> suggestion? I have tried the local Hobby, Model and Craft shops, as well as  
> hardware stores and even Home Depot.  
>  
> Thanks  
>  
> ---  
>  
> / \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net  
> ( N )( 4 )( J )( S ) NJ Grid:FM29LN <http://www.qsl.net/n4js>  
> \\_ / \\_ / \\_ / \\_ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

-----  
Date: Fri, 23 Jun 2000 12:24:51 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: "John L. Sielke" <n4js@pobox.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73289] Re: QRP Screws  
Message-ID: <Pine.SUN.4.10.10006231215130.12757-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 23 Jun 2000, John L. Sielke wrote:

> Well, QRP in the sense of SMALL...I have been looking all over for some 2-56 X  
> 1/4 NYLON pan head screws. The smallest Mouser has is 4-40. Does anyone have a  
> suggestion?

2-56 NYLON is almost impossible to find, and when you do, you'll faint from the prices. We have been unsuccessful getting them for the lab at work. The reason we were given is nylon just isn't strong enough at diameters much below 4-40, such that the nylon bolt will snap off inside the nut as soon as you begin to tighten it up. Very intolerant to much torque. We purchased some 2-56 nylon hardware that was strengthened with polycarbonate (I think) for higher strength, but the last time we tried to order, a nut and bolt ended up costing nearly a buck apiece. Ouch! That is NOT keeping with the QRP is SMALLER ... budget wise anyway :-)

But if anyone does know of a source for 2-56 nylon hardware that won't snap as soon as you tighten the nut, please let us know.

PS - And the polycarbonate and other stuff added to strengthen it also lowered it's dielectric constant/insulation properties drastically.

72, Paul NA5N

-----  
Date: Fri, 23 Jun 2000 13:28:31 -0500 (EST)  
From: igeq100@iupui.edu  
To: "John L. Sielke" <n4js@pobox.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73290] Re: QRP Screws  
Message-ID: <Pine.GS0.3.96.1000623132613.26292A-1000000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

John -

What you are looking for, and much more besides, can be found at Small Parts Inc. in Miami Lakes, FL. The URL is:

<http://www.smallparts.com>

They are very good people to deal with, and they are very prompt.

73,

Richard Meiss, WB9LPU

On Fri, 23 Jun 2000, John L. Sielke wrote:

> Well, QRP in the sense of SMALL...I have been looking all over for some 2-56 X  
> 1/4 NYLON pan head screws. The smallest Mouser has is 4-40. Does anyone have a  
> suggestion? I have tried the local Hobby, Model and Craft shops, as well as  
> hardware stores and even Home Depot.

>

> Thanks

>

>

>

> ---

>

> / \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net

> ( N ) ( 4 ) ( J ) ( S ) NJ Grid:FM29LN <http://www.qsl.net/n4js>

> \\_ / \\_ / \\_ / \\_ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86

> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

>

>

-----  
Date: Fri, 23 Jun 2000 13:34:46 -0500  
From: Johnny <km5im@telepath.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73291] Looking for beacon software  
Message-ID: <3953ADC6.2A989092@telepath.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi

I am looking for a windows beacon software, does any body know where I can get or download off the web.

Thanks  
Johnny  
KM5IM

-----  
Date: Fri, 23 Jun 2000 12:30:52 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Victor Blackwell <victor@brecnet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73292] Re: Astronomy  
Message-ID: <Pine.SUN.4.10.10006231225490.12757-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 22 Jun 2000, Victor Blackwell wrote:  
> ORION is a winter object. You will not see it now.  
>  
> Vic AD8K

Thanks Vic for pointing that out. The point of my post was that Orion is an easy thing to find in winter, and Saggitarius/Scorpio in the summer.  
>From those, you can usually find yourself to navigate a star chart (which is a bit confusing the first time you use one). But the winter/summer thing got lost between my brain and fingers.

Sorry for any confusion I might have caused.

72, Paul NA5N

-----  
Date: Fri, 23 Jun 2000 14:37:32 -0400  
From: "C. Lamar Derk" <n3at@noln.com>  
To: A J SPITZER <wb2vbr@voicenet.com>  
Cc: Al Douglas <ADoug70934@aol.com>, April Miyasato <AJMiya620@cs.com>, Arthur Silverwater <pinchpot@webtv.net>, Bill Johnson <b1ljohn@msn.com>, Bob Myers <bmyers@primenet.com>, Bob Schreibmaier <k3ph@dxis.monroe.pa.us>, Carc <carbonarc@qth.net>, Carter Craigie <ccraigie@email.msn.com>,  
Subject: [73293] Change of email address  
Message-ID: <3953AE6C.6423EAEF@noln.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Please note that my email address has been CHANGED TO:

n3at@enter.net

Thank you!

Lamar

-----  
Date: Fri, 23 Jun 2000 14:36:54 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [73294] Re: Voice Mode  
Message-ID: <008101bfdd42\$01866c30\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> That's why I'm designing a portable, battery powered digital voice  
> recorder to call CQ while mobile/portable. Sure beats screaming my head  
> off while trying to drive!

Mark,

There was an article in 73 Magazine about 15 or 20 years ago that was just that. The guy managed to digitize his voice calling CQ and his callsign, and

burned it into a 2716 EPROM. (That's 2 kilobytes, guys. 2K!) In order to get enough seconds of playback, he ended up using one bit per sample. Basically he ran individual 1's and 0's through a low-pass filter, but apparently he was able to get recognizable speech out of it. He set it up to transmit automatically on his 2M mobile every minute, while he was driving cross-country.

And this was, I believe, before the IBM PC, sound cards, and digital voice keyers.

Dave

-----  
Date: Fri, 23 Jun 2000 11:46:19 -0700  
From: schoon@amgt.com  
To: <qrp-1@Lehigh.EDU>, <dlh1009@ritvax.isc.rit.edu>  
Subject: [73295] RE: Voice Mode  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BD-000623184619Z-1000@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Well, Radio Shack has a nice little unit for about \$20 and I think it handles about 20 seconds of audio. IIRC, National Semi makes a wider range of DVRs - mainly in the amount of memory and how it can be partitioned, etc. This has been a back burner project for about 6 months. I just built a Tick4 here a couple of weeks back, and I can tell you, running mobile with it has made my life a lot easier. Not sure how I managed CW mobile without it!

Thanks es 72...

.mark

>-----  
>From: David Hinerman[SMTP:dlh1009@ritvax.isc.rit.edu]  
>Sent: Friday, June 23, 2000 11:36 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Voice Mode  
>  
>> That's why I'm designing a portable, battery powered digital voice  
>> recorder to call CQ while mobile/portable. Sure beats screaming my head  
>> off while trying to drive!  
>



>Mark,  
>  
>There was an article in 73 Magazine about 15 or 20 years ago that was just  
>that. The guy managed to digitize his voice calling CQ and his callsign, and  
>burned it into a 2716 EPROM. (That's 2 kilobytes, guys. 2K!) In order to get  
>enough seconds of playback, he ended up using one bit per sample. Basically  
>he ran individual 1's and 0's through a low-pass filter, but apparently he  
>was able to get recognizable speech out of it. He set it up to transmit  
>automatically on his 2M mobile every minute, while he was driving  
>cross-country.  
>  
>And this was, I believe, before the IBM PC, sound cards, and digital voice  
>keyers.  
>  
>Dave  
>  
>  
>

-----  
Date: Fri, 23 Jun 2000 14:53:39 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73296] Re: QRP Screws  
Message-ID: <029001bfdd44\$5957bca0\$92332a3f@paulc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

2-56 X 1/4" Nylon screws are available from Digi-Key. Click on the link  
below to take you there...

<http://www.digikey.com/scripts/US/DKSUS.dll?Detail?Ref=17692&Row=63362>

-Paul, W9AC

-----Original Message-----

From: igeq100@iupui.edu <igeq100@iupui.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Friday, June 23, 2000 2:29 PM  
Subject: Re: QRP Screws

>John -  
> What you are looking for, and much more besides, can be found at  
>Small Parts Inc. in Miami Lakes, FL. The URL is:

>  
>http://www.smallparts.com  
>  
> They are very good people to deal with, and they are very prompt.  
>  
> 73,  
> Richard Meiss, WB9LPU  
>  
>  
>On Fri, 23 Jun 2000, John L. Sielke wrote:  
>  
>> Well, QRP in the sense of SMALL...I have been looking all over for some  
2-56 X  
>> 1/4 NYLON pan head screws. The smallest Mouser has is 4-40. Does anyone  
have a  
>> suggestion? I have tried the local Hobby, Model and Craft shops, as well  
as  
>> hardware stores and even Home Depot.  
>>  
>> Thanks  
>>  
>>  
>>  
>> ---  
>>  
>> /- \ /- \ /- \ /- \ John L. Sielke n4js@pobox.com n4js@qsl.net  
>> ( N ) ( 4 ) ( J ) ( S ) NJ Grid:FM29LN http://www.qsl.net/n4js  
>> \\_/ \\_/ \\_/ \\_/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
>> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781  
>>  
>>  
>

-----  
Date: Fri, 23 Jun 2000 14:59:24 -0400  
From: wb2vuo@juno.com  
To: qrp-1@lehigh.edu, blackdog@frontiernet.net, jd.n2oyg@juno.com,  
k2db@contesting.com, k2dv@rochester.rr.com, cg091@freenet.buffalo.edu,  
bobkowa@netacc.net,  
steelgit@excite.com, cwell@juno.com, wcjarvis@frontiernet.net,  
DeLaneyB210@excite.com, duanekf2jc@aol.com, john\_krieg@mlsonline.com,  
Subject: [73297] FD'2K: K2BRK - 3A/WNY  
Message-ID: <20000623.145927.-134551.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

The Brockport Amateur Radio Klub will be operating Field Day again this year under the Klub Kall, K2BRK.

Our Field Day site will be on the grounds of the Bergen Rod & Gun Club in the town of Bergen, NY.

If you find yourself out & about in the Depths of the Great Bergen Swamps, the site is about 1.5 miles north of the village of Bergen, and 1500 feet off Rt-19. There's a sign for the road into the site.

We are on the banks of Black Creek, the watercourse that feeds and drains the Swamp. The mosquitos have fresh tail numbers painted on, so bring some 'Off' or 'Cutters', and your fishing gear.

This weekend is a "Free Fishing" weekend in NY State. No license required on the 24th and 25th, so bring the kiddies along to fish if you wish!

We will be monitoring 146.79 Repeat and will also be checking into the Western District Net (WDN) on the daily sessions (146.64 repeat). During FD, look for us on 80 - 2M, and maybe on packet also.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp  
President & FD'00 Chairman, Brockport Amateur Radio Klub  
My night light runs more power than my Rig!!!  
Replies - <mailto:wb2vuo@arrl.net>

-----  
Date: Fri, 23 Jun 2000 13:08:04 -0600 (MDT)  
From: "James P. Rybak" <jrybak@mesastate.edu>  
To: qrp-l@lehigh.edu  
Subject: [73298] Regulated Wall Wart ??  
Message-ID: <Pine.LNX.4.21.0006231300020.27060-100000@mesastate.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is it possible to buy a wall wart with a reasonably regulated output or should I plan on building my own regulator circuit? If so, what brands and who sells them. The dc output of some of the wall warts I've seen and heard about sure isn't very well regulated.

I need 12 VDC @ 100 ma and 9 VDC @ 120 ma, both fairly well regulated. (Fairly well regulated means that the voltage doesn't go more than 1 volt higher under no load.)

Thanks.

Jim WOKSD

-----  
Date: Fri, 23 Jun 2000 14:11:30 -0500  
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
To: <n4js@pobox.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [73299] RE: QRP Screws  
Message-ID: <000001bfdd46\$d7407c40\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There is a company in San Antonio called Nappco Fastener Co. They sell EVERY kind of screw, bolt, washer and whatever kind of fastener that you can imagine. I'll check with them to see if they sell such a thing...one ringy-dingy...two ringy-dingy...Yes they do.....! How many do you need? I'll do a "mass order" since they have a minimum order.

72/73

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> John L. Sielke  
> Sent: Friday, June 23, 2000 1:03 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: QRP Screws  
>  
>  
> Well, QRP in the sense of SMALL...I have been looking all  
> over for some 2-56 X  
> 1/4 NYLON pan head screws. The smallest Mouser has is 4-40.  
> Does anyone have a  
> suggestion? I have tried the local Hobby, Model and Craft  
> shops, as well as  
> hardware stores and even Home Depot.  
>  
> Thanks  
>  
>  
>

> ---  
>  
> / \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net  
> ( N ) ( 4 ) ( J ) ( S ) NJ Grid:FM29LN <http://www.qsl.net/n4js>  
> \\_ / \\_ / \\_ / \\_ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781  
>  
>

-----  
Date: Fri, 23 Jun 2000 15:29:35 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Cc: "NJQRP" <NJQRP@njqrp.org>  
Subject: [73300] SOP Receiver Kits all mailed  
Message-ID: <000b01bfdd49\$6014f300\$e9ca9cce@ire.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It's been a long haul but we finally made it ... all of the initial run of 200 NJQRP "SOP Receiver Kits" have now been placed into the mail and those who ordered should have them by early next week..

The delays in this kit's availability have been frustrating to everyone, but we believe that it's been worth it. Improved front-end sensitivity and selectivity, pc board re-layed out for easier assembly, an incredibly-useful Technical Manual ... all conspire to making the SOP an attractive kit for this price class. See details at <http://www.njqrp.org/sop>.

Parts for the next run of SOP kits are being ordered now. Delivery should be expected in August.

73,  
--George N2APB, n2apb@amsat.org  
--Joe N2CX, n2cx@voicenet.com  
for the NJQRP Club at <http://www.njqrp.org>

-----

Date: Fri, 23 Jun 2000 15:22:44 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [73301] [CONTEST] QRP Cptesting - This Weekend  
Message-ID: <3.0.6.32.20000623152244.009c3210@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

---

QRP CONTEST CALENDAR

June 24/25, 2000

---

SP QRP Contest (CW) ... QRP Contest!

Jun 24 - 1200z to Jun 25 - 1200z

Rules: <http://home.sol.no/~jana1me/rules/spqrp.txt>

---

Marconi Memorial Contest (CW) ... QRP Category

Jun 24 - 1400z to Jun 25 1400z

Rules: <http://www.qsl.net/ik6ptj/marconi.htm>

---

ARRL Field Day (CW/SSB/RTTY)... QRP Category

Jun 24 - 1800z to Jun 25 - 2100z

Rules: <http://www.arrl.org/contests/announcements/rules-fd.html>

---

QRP ARCI Milliwatt Field Day (ALL)... QRP Contest!

Jun 24 - 1800z to Jun 25 - 2100z

Rules: <http://www.qrparki.org/mwfd.htm>

---

72 de

Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==  
<http://www.njqrp.org/data/contesting.html>

-----  
Date: Fri, 23 Jun 2000 15:36:29 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <jrybak@mesastate.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73302] Re: Regulated Wall Wart ??  
Message-ID: <01dc01bfdd4b\$0940f180\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

They're out there, but not that common. I have ones for 5v (came with my DI-701 residential gateway), 9v, and 12v. The 9v one came with another D-Link product, and the 12v one is a 'switcher' (the 5v one is too) that output 1.5amp and I use for my K2 when it's on the bench.

The accurate ones are not going to be the cheap \$6 or so things at Radio Shack.

BUT, Radio Shack now list in their catalog which adapters are regulated and which aren't. Unfortunately, their 'regular' adapters are only regulated at 1.5v, 3v, and 4.5v. The other values are just 'filtered'.

HOWEVER, they DO list 'multi-voltage' adapters and a FEW of them are regulated. The 273-1662 is listed as filtered and regulated with up to 300ma, and switchable outputs of 1.5v, 3v, 4.5v, 6v, 7.5v, 9v, and 12v. It's only \$13. Give up the 1.5v output, and for \$15 you can get 800ma.

I don't know how well they are regulated. You'd have to determine that yourself.

----- Original Message -----

From: James P. Rybak <jrybak@mesastate.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, June 23, 2000 3:08 PM  
Subject: Regulated Wall Wart ??

>  
> Is it possible to buy a wall wart with a reasonably regulated output  
or  
> should I plan on building my own regulator circuit? If so, what  
brands  
> and who sells them. The dc output of some of the wall warts I've seen  
and  
> heard about sure isn't very well regulated.  
>  
> I need 12 VDC @ 100 ma and 9 VDC @ 120 ma, both fairly well  
> regulated. (Fairly well regulated means that the voltage doesn't go  
more  
> than 1 volt higher under no load.)  
>  
> Thanks.  
>  
> Jim WOKSD  
>  
>

-----  
Date: Fri, 23 Jun 2000 12:47:06 -0700 (PDT)  
From: "Robert P. Okas" <vintage@best.com>  
To: qrp-l@lehigh.edu  
Subject: [73303] KPH Lives! (fwd)  
Message-ID: <Pine.BSF.4.21.0006231243000.15749-1000000@shell114.ba.best.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

While this doesn't have a direct correspondence to qrp, it does  
involve cw, maritime cw. A few individuals have formed a group aimed at  
preserving this landmark as a functional museum. Below is 'press'  
release.

73,  
Bob - W3CD

-----



## HISTORIC MORSE CODE RADIO STATION RETURNS TO THE AIR

### Former "Wireless Giant of the Pacific" Will Once Again Be Heard

22 JUNE 2000 (MRHS) - The former Marconi and RCA Morse code radio station KPH will make a commemorative broadcast on Wednesday, 12 July, the first anniversary of the last commercial Morse code transmission in North America.

KPH began life at the dawn of radio. Its first home was the Palace Hotel in San Francisco, from which it derived its first call letters, PH. When the Palace Hotel was destroyed in the 1906 earthquake and fire the station moved to several different locations, eventually finding a permanent home on the mesa west of the small California town of Bolinas. Along the way federal regulators added the K prefix to the original PH, creating KPH, one of the most famous radio call signs in the world.

Radio operators ashore and afloat came to regard KPH as "the wireless giant of the Pacific". Only the best operators worked at KPH. They were there 24 hours a day, ready to help with everything from the mundane messages of maritime commerce to urgent requests for assistance from ships in distress. The KPH signal literally spanned the globe. Radio operators on ships in the far corners of the world were comforted by the steady signal of KPH in their earphones.

As technology progressed the end of Morse code was predicted many times. But KPH soldiered on providing good, reliable service to the maritime community. The end came at Bolinas in 1997 when Globe Wireless purchased the license and the big transmitters were finally shut down. On July 12, 1999 Globe Wireless sent the last commercial messages in Morse code from KFS, their master station near Half Moon Bay. It was the last time the famous call KPH would be heard on the air - or so it was thought.

Today the former KPH facilities are part of the Point Reyes National Seashore which has a strong interest in the important role the station played in the history of radio communications. The Maritime Radio Historical Society has been working with the Point Reyes National Seashore to preserve and restore KPH with the goal of eventually creating a museum dedicated to this great station that was once heard throughout the world.

On 12 July KPH will return to the air from its original location, using its original equipment and its original frequencies - generously made available by Globe Wireless, the current owner of the KPH license and operator of the equally famous KFS from which the last

commercial Morse message was sent.

Veteran operators, radio engineers and those with an interest in radio history will gather at the Bolinas transmitter building to watch the station come on the air one year and one minute after the last Morse transmission from Half Moon Bay. Commemorative messages will be sent by hand by the operators who once stood watch at the station. And then they will listen for any calls from the few remaining ships at sea with Morse capability.

While this event does not signal the return of KPH to commercial Morse service we intend it to acknowledge and honor all the radio operators who have "worn the earphones" and played a role in the history of maritime radio.

The station will operate on 4247.0, 6477.5 and 13002.0Kc on shortwave and 500/426Kc. on medium wave. If additional frequencies become available by 12 July these will be announced in the commemorative broadcast.

Contact:

Dick Dillman  
Maritime Radio Historical Society  
Phone: 415-512-7137  
Email: ddillman@igc.org

-----  
Date: Fri, 23 Jun 2000 12:58:25 PDT  
From: "Jason Milldrum" <xaos99@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [73304] FS: SST/40 Novice \*Like New\*  
Message-ID: <20000623195825.77666.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I've got a 40M Novice band SST that I'm not using anymore. It is constructed and works fine. It has only been used a little bit and I still have the manual for it. I'm asking \$90 which includes shipping. I would prefer credit card payment through paypal.com.

If you have any questions or would like to buy, contact me at:

kd7jki@arrl.net

Jason  
KD7JKI

Date: Fri, 23 Jun 2000 16:38:46 -0400 (EDT)  
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>  
To: "Robert P. Okas" <vintage@best.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73305] Re: KPH Lives! (fwd)  
Message-ID: <Pine.BSI.4.05L.10006231633380.6564-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Port Authority was thrilled that they could get off the air, stop paying salaries, stop upkeep and turn the radio shack into something productive.

|                                                                       |                               |
|-----------------------------------------------------------------------|-------------------------------|
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a> | Baltimore's Home Page         |
| <a href="http://www.baltimorehon.com">http://www.baltimorehon.com</a> | Home of the Baltimore Lexicon |
| <a href="http://www.min.net/~thom/">http://www.min.net/~thom/</a>     | QRP and Drake Mail List Pages |

Date: Fri, 23 Jun 2000 13:43:59 -0700 (PDT)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: jrybak@mesastate.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73306] Re: Regulated Wall Wart ??

Message-ID: <20000623204359.23737.qmail@web2003.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

They are generally unregulated ... and thus the voltage appearing on the label is only a nominal ... see the following reference by KE3FL as a starting point.

Also QST a few years ago had an article on building a wall cube tamer - essentially a regulator + large capacitor in a box that is used with a wall wart.

<http://www.qsl.net/ke3fl/htm/WALLWART.HTM>

--- "James P. Rybak" <jrybak@mesastate.edu> wrote:  
>  
> Is it possible to buy a wall wart with a reasonably  
> regulated output or  
> should I plan on building my own regulator circuit?  
> If so, what brands  
> and who sells them. The dc output of some of the  
> wall warts I've seen and  
> heard about sure isn't very well regulated.  
>  
> I need 12 VDC @ 100 ma and 9 VDC @ 120 ma, both  
> fairly well  
> regulated. (Fairly well regulated means that the  
> voltage doesn't go more  
> than 1 volt higher under no load.)  
>  
> Thanks.  
>  
> Jim W0KSD  
>

---

Do You Yahoo!?  
Get Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

---

Date: Fri, 23 Jun 2000 20:50:00 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [73307] Re: Regulated Wall Wart ??  
Message-ID: <39538728.42E0DB21@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Also the trend today is to use a switch mode supply that runs directly from the AC line to produce the desired output. Smaller, lighter and cheaper than transformers, and 'oh by the way' better regulation.

michael N6CHV

Curt Milton wrote:

>  
> They are generally unregulated ... and thus the  
> voltage appearing on the label is only a nominal ...  
> see the following reference by KE3FL as a starting  
> point.  
>  
> Also QST a few years ago had an article on building a  
> wall cube tamer - essentially a regulator + large  
> capacitor in a box that is used with a wall wart.  
>  
> <http://www.qsl.net/ke3fl/htm/WALLWART.HTM>  
>  
> --- "James P. Rybak" <jrybak@mesastate.edu> wrote:  
> >  
> > Is it possible to buy a wall wart with a reasonably  
> > regulated output or  
> > should I plan on building my own regulator circuit?  
> > If so, what brands  
> > and who sells them. The dc output of some of the  
> > wall warts I've seen and  
> > heard about sure isn't very well regulated.  
> >  
> > I need 12 VDC @ 100 ma and 9 VDC @ 120 ma, both  
> > fairly well  
> > regulated. (Fairly well regulated means that the  
> > voltage doesn't go more  
> > than 1 volt higher under no load.)  
> >  
> > Thanks.  
> >  
> > Jim W0KSD  
> >  
>  
> -----

> Do You Yahoo!?  
> Get Yahoo! Mail - Free email you can access from anywhere!  
> <http://mail.yahoo.com/>

-----  
Date: Fri, 23 Jun 2000 16:51:03 -0400 (EDT)  
From: "John L. Sielke" <n4js@pobox.com>  
To: "John L. Sielke" <n4js@pobox.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73308] RE: QRP Screws  
Message-ID: <XFMail.000623165103.n4js@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Wow, what a group. Lots of responses so thank you all. I ordered from Digi-key. Unfortunately, all required a minimum order of 100, so if anybody else needs a 2-56 X 1/4 nylon screw, remember I have plenty, now!

72/73

John

On 23-Jun-00 John L. Sielke wrote:

> Well, QRP in the sense of SMALL...I have been looking all over for some 2-56  
> X  
> 1/4 NYLON pan head screws. The smallest Mouser has is 4-40. Does anyone have  
> a  
> suggestion? I have tried the local Hobby, Model and Craft shops, as well as  
> hardware stores and even Home Depot.  
>  
> Thanks

---

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net  
( N )( 4 )( J )( S ) NJ Grid:FM29LN <http://www.qsl.net/n4js>  
\ / \ / \ / \ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781  
Elecrafft K2 #00023

-----  
Date: Fri, 23 Jun 2000 19:43:36 +0100

From: wd3p@juno.com  
To: rong@slip.net, qrp-1@Lehigh.EDU  
Subject: [73309] Re: Computer logging  
Message-ID: <20000623.195706.-432959.1.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On Thu, 22 Jun 2000 21:53:25 -0700 "Ron Giuntini" <rong@slip.net> writes:  
> I guess I am old fashioned. Pencil and dupe sheet for me...Can  
> someone tell  
> me the advantage to toting a computer on field day?  
> KB6GK  
>  
I don't but I put up with a lot of guys telling me last Saturday and on  
Sunday that I'm just a dup. Sure cuts back on the fun a bit.

73 de Larry.....WD3P in MT

---

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 23 Jun 2000 19:33:25 +0100  
From: wd3p@juno.com  
To: tjarey@home.com, qrp-1@Lehigh.EDU  
Subject: [73310] Re: Ground Loops?????  
Message-ID: <20000623.195706.-432959.0.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On Thu, 22 Jun 2000 20:26:03 -0400 "T.J. \"SKIP\" Arey N2EI"  
<tjarey@home.com> writes:  
> I have a wierd thing happening. I have several radios in the shack.  
> They  
> share a common (battery) power source but are set up to only use ONE  
> antenna through a 6 place antenna switch (MFJ something or other).  
> Consequently all radios except the one being used are powered off  
> (although still connectd to the source). I notice specifcally with  
>

Had something similar in final stages of failure of one of the MFJ switches. I have been using one to switch between my 570s and the Sierra. The Sierra worked great. But I found the 570s was cutting back on power anytime I got over 50 watts. I played around with the thing for month. If I kicked in the auto tuner on the 570s the problem seems to lessen. I had a SWR meter after the switch and it always said I had a good match to the antenna even without using the tuner. I even switch in another rig and ran it at 100 watts. That seemed the cure the problem so I had concluded it was a rig problem with the SWR protection circuit and kept the power down below 50 watts.

Finally a week or so ago I got your problem. The rig did not seem to want to hear. The Sierra continued to work great. It turned out to be the MFJ ant switch that was the problem. When I opened it up, I could see clear signs of arcing inside the switch on the 570s side of the thing. I didn't try to find the problem I just tossed the thing and replaced it with a Daiwa I had as a spare. Everything now is working just fine. The 570s puts out full power.

In the future I'll stay with the Daiwa or the Alpha-Delta ones. I'll pay the extra price and be more comfortable using them.

73 de Larry.....WD3P in MD

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 23 Jun 2000 14:13:35 -0700

From: "K7FD" <cqdx@teleport.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>

Cc: "Carl W. Somdahl" <csomdahl@juno.com>, "Frank King" <fking@wcn.net>,<jhawley@co.lincoln.or.us>

Subject: [73311] K7FD Field Day CHANGE

Message-ID: <000d01bfdd57\$e53c70e0\$a78c80a7@lincoln.k12.or.us>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Last minute change:

K7FD/N7SG will join forces with Team K7AM and operate field day from the Lincoln County Fairgrounds (qrp w/ K2, NC40a, es PW-1).



This location is closer to ABBY's PIZZA PARLOR...and they deliver!

73 John K7FD

-----  
Date: Fri, 23 Jun 2000 14:04:08 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-l@lehigh.edu  
Subject: [73312] Re: Changing qrp-l listing  
Message-ID: <20000623140408.B11031@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thanks Carel. I have already done that. I meant the list of qrp-l numbers which has one's qrp-l number, email address and callsign.

72, Bob

On Fri, Jun 23, 2000 at 07:26:19PM +0200, Carel Mulder wrote:  
> Just unsubscribe and subscribe again Bob, using your new email adress.  
> Within a few minutes everything is Ok. (Also see the listserver's  
> "welcome.txt")  
>  
> 72, Carel, PA0CMU.

--  
Bob Nielsen, N7XY  
Bainbridge Island, WA  
nielsen@oz.net  
<http://www.oz.net/~nielsen>

-----  
Date: Fri, 23 Jun 2000 17:43:54 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: njqrp@njqrp.org  
Cc: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [73313] Re: FD operations at NJQRP  
Message-ID: <3953DA1A.2FBC7E8F@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey George...You missed me. I'll be there.

George Heron N2APB wrote:

```

>
> The NJ-QRP will have its club station set up this weekend full-time as WQ2RP
> in Rosedale Park near Princeton in the middle of the state.
>
> Antennas to be used:
> - Two Gummer masts for an 80 meter full wave loop.
> - We will have a rotary full wave loop for 15 meters
> - DK9SK supported 68 foot , flat top, inverted vee, with tuned feed
> - 2m Cushcraft Ringo Ranger
> - Double Extended Zepp dipole
> - 7-foot diameter Small Transmitting Loop for 40m
> - homebrew 6m beam
>
> Rigs to be used:
> - Elecraft K2, Wilderness Sierra, Ten-Tec 555, Radio Shack HTX-10, Kenwood
> all-mode 2m, GM-10, GM-15, Small Wonder Labs' PSK31-80
>
> WQ2RP ops include:
> -George Heron, N2APB
> - Ken Newman, N2CQ
> - Joe Everhart, N2CX
> - Jim Nestor, WK8G
> - Vince Passione, WA2ECP
> - Tony Colagouri, W2GUM
> - Ed Roswell, K2MGM
> - Richard Ardolino, KB2CPE
> - Dave Ottenberg, WA2DJN
>
> Running:
> - 100% battery & solar panels
> - 100% QRP
> - SSB, CW, PSK31
> - 80m station will be active through the entire night
>
> 72, George N2APB
>
> ===== NJ QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@vramp.net
> and put the text "unsubscribe njqrp" in the message. To post a
> message to the list, send email to njqrp@njqrp.org.

```

--

+++++

T.J. "SKIP" AREY N2EI e-mail [tjarey@home.com](mailto:tjarey@home.com)

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Fri, 23 Jun 2000 16:54:56 -0500  
From: Charles K Brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [73314] Regulated Wall Wart  
Message-ID: <20000623.165457.11846.0.n4so@juno.com>

No.  
Wall Cube Power Adapter

Run it through a Cube Tamer--  
QST May 1998 pages 55-57.

You need a full-wave bridge rectifier, a 7812 12-V regulator and 3  
-4700uF electrolytic capacitors at 35 volts, and a couple other parts,  
power receptacles and  
plugs. The output is 12.2v with 1 mV ripple.

There are other regulators in the ARRL Handbook- I built  
and use one that uses an NTE130 which outputs 13.2 volts  
regulated--

Ken Brown N4SO  
Mobile, AL EM50tk  
NorCal 20 at 5 watts  
4 element mono. yagi

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 23 Jun 2000 15:32:03 -0700 (PDT)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73315] Re: Regulated Wall Wart  
Message-ID: <20000623223203.10109.qmail@web2001.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

This project did include a rectifier for use with AC wall cubes - if you are using only DC cubes well you can eliminate that for now. I knew about the article because i need to gather up the parts myself!

curt wb8yyy

--- Charles K Brown <n4so@juno.com> wrote:

> No.

> Wall Cube Power Adapter

>

> Run it through a Cube Tamer--

> QST May 1998 pages 55-57.

>

> You need a full-wave bridge rectifier, a 7812 12-V  
> regulator and 3

> -4700uF electrolytic capacitors at 35 volts, and a  
> couple other parts,

> power receptacles and

> plugs. The output is 12.2v with 1 mV ripple.

>

> There are other regulators in the ARRL Handbook- I  
> built

> and use one that uses an NTE130 which outputs 13.2  
> volts

> regulated--

>

> Ken Brown N4SO

> Mobile, AL EM50tk

> NorCal 20 at 5 watts

> 4 element mono. yagi

>

>

>

>

>

---

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---

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-----  
Date: Fri, 23 Jun 2000 18:42:14 -0400  
From: "NN7CK" <nn7ck@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Cc: <nn7ck@mindspring.com>  
Subject: [73316] ZM-2 Tuner Schematic & T1 Help needed  
Message-ID: <017701bfdd64\$481bc1f0\$a78a8ad1@gene>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang this weekend I planned to build the ZM-2 I bought from Emtech over a year ago but now I can't find some of the data package that came with it. (Moving twice in the past year has left me unable to find a lot of my stuff).

I need info on the transformer T1 and would appreciate any help that you guys can offer.

TNX es 72/73,

Gene ... NN7CK ... Asheville, NC

-----  
Date: Fri, 23 Jun 2000 18:23:41 EDT  
From: Rick McKee <kc8aon@juno.com>  
To: wb5rue@stic.net, qrp-1@Lehigh.EDU  
Subject: [73317] Re: rubber rejuvenator?  
Message-ID: <20000623.184218.4479.1.kc8aon@juno.com>

Don't use Armour All, it will make them slip !

73...Rick McKee KC8AON       { CW lives as long as I do ! }  
Willow Wood, Ohio       "oo's"  
AR QRP # 269     QRP-L # 2112     ZOMBIE # 718     FPqrp # 33  
TriState BrassPounders # 1

On Thu, 22 Jun 2000 21:53:51 -0500 "Kevin Muenzler WB5RUE"  
<wb5rue@stic.net> writes:

>New wheels..;) Actually if they are real rubber (latex) there is  
>really  
>nothing that you can do. If it is "fake" rubber (petroleum based)  
>there are  
>various oils on the market that you can use. Try something like  
>ArmorAll.  
>  
>Be careful with stuff like Rubber Renue. It works great on fake,  
>petroleum  
>based rubbers but will dissolve latex.  
>  
>72/73  
>Kevin, WB5RUE  
>  
>> -----Original Message-----  
>> From: owner-qrp-l@Lehigh.EDU  
>> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
>> James Skalski  
>> Sent: Thursday, June 22, 2000 9:08 PM  
>> To: Low Power Amateur Radio Discussion  
>> Subject: rubber rejuvenator?  
>>  
>>  
>>  
>> Does anyone know of a product that could be used on rubber  
>> friction wheels  
>> or rollers. They get glazed and tend to slip when they get  
>> old and dry.  
>>  
>>  
>> 73,  
>>  
>> Jim n2go  
>>  
>

---

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<http://dl.www.juno.com/get/tagj>.

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End of QRP-L Digest 1861

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